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BIBLIOGRAPHY OF SWIMMING

BIBLIOGRAPHY OF SWIMMING

COMPILED BY FRANCES A. GREENWOOD

Department of Physical Education, University of Alabama





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PREFACE

The need for a comprehensive survey of the literature on swimming and its related subjects first became evident through numerous requests from interested persons in several countries. The many selected bibliographies which have been compiled have served as valuable reference lists, but no complete bibliography has existed in the field of aquatics. The potential value which lay in such a compilation was envisioned, and work on this book was begun.

Extensive search disclosed a large volume of material. Some has been known and used; some has been conceded little attention because of obscure sources; and some, pertinent to the subject, has been collected from the literature of widely divergent fields. Thousands of titles were assembled. General grouping of titles by subjects was followed by elaborate subdivisions and extensive cross references. Finally an orderly arrangement by subjects was achieved, and author and subject entries were incorporated into one alphabetical listing. The bibliographical plan used by the American Medical Association in the Quarterly Cumulative Index Medicus was followed throughout this bibliography.

In spite of the fact that every effort was made to secure accurate information and rectify discrepancies, a number of irregularities persisted. In several cases details of bibliographical citations varied decidedly as recorded in different sources. The citations used in this bibliography were verified from authentic sources if possible, but in a few cases it became necessary either to delete questionable references or to choose data which seemed most reliable. Thus, unavoidable possibility for incompleteness or error ensued.

Due to the impossibility of securing copies of a number of books and articles, it was necessary to rely entirely upon their titles for classification. Since titles often are misleading, the possibility of erroneous or incomplete classification exists.

Selected references from related fields were used when, in the opinion of the bibliographer, their applicability warranted inclusion.

The completed bibliographical compilation is supplemented by appendices on Films, Organizations Promoting Swimming and Sources for Equipment and Supplies. The bibliographical section consists of approximately 10,000 titles listed by authors and classified under 608 subjects. Material from 19 different languages is used. Books and pamphlets issued by 623 publishers, an undetermined number of private publications and articles from 645 periodicals are included. Appendices contain a list of 88 films, names and addresses of 92 organizations promoting swimming and an alphabetically arranged list of 496 products distributed by 45 representative firms. The bibliography includes material published up to June, 1938.

The compiler sincerely requests reports of any errors which may be discovered and invites suggestions which will enhance the usefulness of future supplements to this book.

ACKNOWLEDGMENTS

My appreciative acknowledgments are made to the thousands of individuals who have contributed to the literature in the field of aquatics and to the many persons not mentioned specifically who have assisted in this compilation.

The Publishers Weekly, the F. W. Faxon Company and Otto Harrassowitz of Leipzig have furnished essential records. The Quarterly Cumulative Index Medicus of the American Medical Association has allowed the use of titles from foreign languages as translated into English and prepared for classification by them. The Departments of Public Health of all states have assisted by furnishing materials on standards and regulations. The National Recreation Association has submitted numerous lists.

Librarians and many other persons in this country and in foreign countries have aided my search for records of materials. The splendid resources of the Library of Congress have been of inestimable value.

Dr. Hamilton Montgomery of the Section of Dermatology of The Mayo Clinic has brought to my attention a vast amount of material relating to medical research in this field. Professor Holger Nielsen of Hellerup, Denmark, has sent important selections from the literature of the Scandinavian Peninsula. Captain Bertram W. Cummins, Hon. Editor of *The Swimming Times*, of London, has rendered kind assistance for several years.

The keen interest of my students has been a never failing challenge. Especially, Jean Adamson, Mary Helen Bell, Ruth Crooks, Alta Ely, Norene Hulsey, Gertrude Perkins, Elizabeth Poer, Gwendolyn Reams and Cecile Thompson have worked untiringly.

My mother, my sisters and my aunt, Mrs. W. F. Tyler, have been unfailing in their encouragement and have helped in many ways.

Dr. Ethel J. Saxman has maintained a personal interest in this work since its beginning, and for her constant consideration I offer my deep appreciation.

Miss Louise E. Levy has been a constant adviser. She has shared countless problems and has helped immeasurably.

Miss Fannie Schmitt, librarian, Tuscaloosa, Alabama, High School, read the outline and parts of the manuscript and made suggestions which were quite helpful..

I am deeply grateful to Miss Emma Louise Wills, librarian of the College of Education of the University of Alabama, for many hours of reading of the manuscript, for valuable suggestions and for her personal interest; and to Mr. Eli Sobel for extensive translations from foreign languages.

Dr. Peter V. Karpovich has contributed valuable material and has made suggestions which have clarified exceedingly the final arrangement of this bibliography. To him I express my sincere appreciation.

Miss Margaret T. Little has typed the entire manuscript and has performed, in large measure, the voluminous secretarial work during the final years of this undertaking. No task has been too difficult, and her faithful, very careful and always cheerful work has made possible the completion of the manuscript. To her my deep gratitude cannot fully be expressed.

The cooperation and help of the publishers has been invaluable.

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Instructions for Use

Subject and author entries are listed in one alphabetical index.

Complete bibliographical data will be found under the author listing. Titles under subject entries may have been translated, expanded, shortened or inverted.

Citations for articles give name of author, title, abbreviation for periodical

and date of issue. Page references are indicated for annuals.

Citations for books or pamphlets give name of author, title, date of issue, price, number of pages and abbreviation for publisher.

Complete citations were impossible in many cases because of incomplete

records of material.

Theses, posters, charts and photographs are indicated by the descriptive word used immediately after the title in author entries; after name of author in subject entries. Otherwise, the form for making these entries corresponds to that designated for books.

All titles under subject heads are preceded by a dash.

Titles which are equivalent to the subject under which they appear are omitted, only the name of the author being given. These entries come first under subject heads; they are followed by an alphabetical listing of titles.

Titles signed by more than one author appear only after the name of the first author. Reference is made from each joint author to the original author.

Example:

Brandsten, Ernst M. See White, Albert C. jt. auth.

TREATMENT OF LANGUAGES

Titles of articles from periodicals have been translated into English for all subject entries, except in cases of unsigned titles, which appear in the original language, followed by an English translation in parentheses. For author entries, titles of articles appear in the original language if English, French, German, Italian, Portuguese or Spanish; translated into English from all other languages.

Titles of books and pamphlets appear in the original language for both author and subject entries in all languages except Chinese, Japanese and Russian, for which English translations are used in all cases. Under subject entries the title in the original language is followed by an English translation in parentheses.

CLASSIFICATION OF MATERIAL

Material has been classified under specific subjects as nearly as possible.

Titles have been repeated under more than one subject when necessary.

A book limited to one or two specific subjects is listed under each of those subjects. Books treating many subjects are listed, according to date, under Texts. Example: "Art of springboard diving" is listed under Diving, Springboard, and not under Texts.

A few titles which could not be classified accurately under any subject included in this bibliography have been entered only under the author.

Unsigned titles are entered under subjects only.

In a number of cases section or chapter titles have been used to identify significant material which was not indicated by the title of the book. A note, stating that the title indicates a section or chapter from a particular book, has been made when this applies.

Typical author entries:

DuBois, Goddard. Nielsen method of artificial respiration. J. Health & Phys. Educ. Jan. 1936

Hobden, F. W. Art of springboard diving. 10s. 6d. 229p Putnam. 1937

Neveu. R. Les piscines et la santé publique. Ann. d'hyg. Nov. 1934

Nielsen, Holger. Livredning. (il) 88p Gyldend. Boghand. Nord. Forlag. 1937 Todd, Frances Eleanor. Hydrogymnastics and swimming for the physically handicapped. Thesis, 28p Univ. California, Berkeley. 1933 The Physical Education Department lists this as: A study of swimming as a means of individual program adaptations in physical education.

Under subject heads these author entries appear as follows:

Corrective Swimming and Underwater Gymnastics

-hydrogymnastics and swimming for the handicapped. [Frances physically Eleanor Todd] Thesis. 28p Univ. Cal-

ifornia, Berkeley. 1933

The Physical Education Department lists this as: A study of swimming as a means of individual program adaptations in physical education.

Diving

Springboard, art of. [F. W. Hobden] 10s. 6d. 229p Putnam. 1937

Life Saving

Danish, Livredning (life saving). [Holger Nielsen] 88p Gyldend. Boghand. Nord. Forlag. 1937

Public Health in Relation to Pools and Swimming

-swimming pools and public health. [R. Neveu] Ann. d'hyg. Nov. 1934

Resuscitation

NIELSEN METHOD. See also Resuscitation, methods

-[Goddard DuBois] J. Health & Phys. Educ. Jan. 1936

Theses and dissertations are listed under the head of Theses; also they are classified under the various subjects to which they pertain.

Cross references have not been made to Texts.

To help clarify the manner in which material has been treated, a short, selected list of subject heads follows:

A.A.U. Meets. See Meets, A.A.U. (under M)

Achievement Tests. See Tests, achievement (under T)

Coaching

See also Competition; Diseases, caused by cold and overexertion; Officiating; Olympics; Physiological Aspects; Polo; Respiration; Speed Swimming; Strokes

DIET FOR ATHLETES
DIVING. See Diving, coaching (in the main alphabet)

HISTORY. See also History (in the main alphabet)

MEDICAL SUPERVISION OF ATHLETES. See also Physiological Aspects

OBSERVATION WINDOWS, USE IN

Polo. See also Polo (in the main alpha-

bet)
SPEED SWIMMING. See Speed Swimming
(in the main alphabet)

Comparison See also Coach-

TRAINING FOR COMPETITION. See also Coaching, diet for athletes; Physiological Aspects (in the main alphabet)

See also Legal Aspects; Life Saving; Resuscitation; Safety

BLOOD CHANGES IN CAUSES OF

DIAGNOSIS OF

EXPERIMENTAL STUDIES ON

etc.

Exhibitions

See also Recreational Swimming;

Teaching CARNIVALS

Circus

FESTIVALS

Mechanical Devices for Resuscitation. See Resuscitation, mechanical devices for (under R)

Officiating

See also Coaching; Diving; Polo; Teaching

JUDGING DIVING. See also Diving (in the main alphabet)

RULES FOR SWIMMING, DIVING AND WATER Polo

STOP-WATCH TIMING

Pools, Artificial, Care of
See also Pools and Bathing Places,
Operation of; Pools and Bathing
Places, Sanitation of; Water Analysis; Water Purification

CLEANING PAINTING SCUM REMOVAL SUCTION SWEEPING etc.

Instructions for Use of Appendices

APPENDIX A

Organizations Promoting Swimming—Names and addresses have been listed. If an organization has no permanent address the officers for 1939 appear. The list of organizations represented in the Fédération Internationale de Natation Amateur has been used as listed by the federation, with minor changes in abbreviations and punctuation.

APPENDIX B

Equipment and Supplies—Items of equipment are listed in alphabetical order. Names of firms from whom these items may be secured are listed under each item. A complete list of firms represented appears at the end of this appendix.

APPENDIX C

Films—Citations give title of the film, number of reels, size, sound or silent, price, date, distributor and, if available, information regarding the producer.

APPENDIX D

Periodicals and Publishers—These lists contain the abbreviations used in bibliographical entries for periodicals and publishers. Complete name and address, if possible, follow each abbreviation.

Bibliography of Swimming

A.A.U. Meets. See Meets, A.A.U.

A.S.A. Meets. See Meets, A.S.A.

Abderhalden, E. Der Sport vom Stander physiologischen Wien. med W-1 der schung. Wchnschr. March 19, 1927

Abe, K. Swimming Japan: what can it do in the coming Olympiad? J. Health

& Phys. Educ. June 1933
Aboveground Pools. See Pools and Bathing Places, Construction of, aboveground

Accidents

See also Injuries; Life Saving -drowning accidents. Indep. June 29, 1905

—in bathing. [E. Duhot] Écho méd. du Nord. Oct. 22, 1932

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-sport and danger. [B. Breitner] Wien.

med. Wchnschr. Sept. 25, 1937
—swimming and its dangers. [Fred Zauner] 43p New York. The Author. 1906

Achievement Tests. See Tests, achievement Ackermann, R. Einfluss sportlicher Arbeit

auf das Herz. München. med. Wchnschr. Oct. 22, 1926

Ackley, Harry A. Design and layout of Pittsburgh field club. (il) Swim. Pool Data & Ref. Ann. 5:14-16. 1937

How to specifier the proposed pool.

How to consider the proposed pool. Beach & Pool. Oct. 1936; also Baths & Bath Engin. Dec. 1936

Ideal municipal pool layout. (il) Swim. Pool Data & Ref. Ann. 3:56-57. 1935 Improved wading pool. Beach & Pool. June 1936

Modern trend in design and construction. Beach & Pool. Jan. 1938

New pool movements in undeveloped localities can duplicate Parkersburg's achievement, if properly conducted. Beach & Pool. Sept. 1937

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Acoustic Problems in Pool Construction. See Pools and Bathing Places, Construction of, acoustic problems in

Adams, H. S. New ideas in swimming pools. Country Life. Feb. 1913

Adams, J. D. Municipal swimming pool without taxation. Sioux City, Iowa. Am. City. Oct. 1925; also Play-

ground. June 1926

Adams, T. W. and others. Influence of muscular work upon movements of stomach. Brit. J. Radiol. Nov. 1932

Influence of muscular work upon movements of stomach; experiments on man. Brit. J. Radiol. Dec. 1932 Admission Prices. See Pools and Bathing

Places, Financial Aspects of, admission prices

Advanced Swimming. See Teaching, ad-

vanced swimming

Advertising. See Publicity, advertising

Affleck, G. B. Water games. Free. A.R.C. 1926

See Karpovich, Peter V. jt. auth. Affolter, J. La novade dite par congestion. Schweiz. med. Wchnschr. Dec. 2, 1933

Aflalo, F. G. (ed) Sports of the world. \$5 Cassell. 1904

See Suffolk and Berkshire, Earl of, jt.

Aids During Resuscitation. See Resuscitation, aids during

Air Conditioning

-[Louis Allen Harding and Arthur Cutts Willard] 2nd ed. rev. 963p Wiley; Chapman & Hall. 1932

-[J. A. Moyer and R. U. Fitz] \$4 Mc-Graw-Hill. 1933

-manual. [Louis Allen Harding] 276p Buffalo, N.Y. The Author

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Air-Raid Protection, Pools For. See Pools and Bathing Places, for air-raid and poison-gas protection Alabama State Board of Health. Swim-

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-and King, A. G. Swimming pools: their construction, mechanical installation, water supply, heating the water, various types of installations adapted to different conditions. (il. charts) 2nd ed. 75c Domest. Engin. Co. 1915

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Swimming pool on the playground. (il) Recrea. June 1935

Swimming pools in Europe. J. Health & Phys. Educ. May 1937

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Alphonse, Henri François. English seamen and divers. 322p Chapman & Hall. 1868

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Humidification and its cost. Heat. & Ventil. June 1927

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Alum. See Water Purification, alum in

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Dozier; Manhattan Beach, N.Y., pool scene of triumph in first outdoor official A.A.U. meet of N.Y. season. Beach & Pool. June 1935

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Control of the sport (diving). Swim. Times. May 1935

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Teacher's certificate for swimming. A.S.A.

—A.S.A. diving championships of England, 1935. [G. la C. Baudains] Swim.

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Report of the American Olympic Committee: Antwerp, 1920. Am. Olympic Comm. 1920

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American Playground Device Company. Swimming pool equipment. Municipal Ind. p526-9. 1932; p452-3. 1933

Chicago Hardware Foundry Company; Clow-National; Everwear Manufacturing Company; Scaife, Wm. B., and Sons Company; and Spalding, A. G., and Brothers. Swimming pool equipment. Municipal Ind. p269; 504; 564-5; 571; 573; 673; 753-6; 758-9; 774; 789. 1931

-See Spalding, A. G., and Brothers, jt.

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6th ed. \$2 119p 1925; 7th ed. \$2 180p 1933.

and the Conference of State Sanitary Engineers, Joint Committee on Bath-ing Places. Swimming pool design and construction; modern practice outlined in committee report presented at the Conference of State Sanitary Engineers, June, 1926. Water Works. Jan. 1927

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Places

Places
This report was published first in 1926.
45p. Progress reports have been issued annually. Am. Pub. Health Assoc. The report appears annually in American Public Health Association Year Books, American Journal of Public Health, Journal of the American Association for Promotion of Hygiene and Public Baths, Swimming Pool Data & Reference Annual and in other periodicals. Reprints have been issued by several State Departments of Public Health and by Wallace & Tiernan Company, Inc.

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Artificial respiration: prone pressure method. Poster. Free. A.R.C. Can you swim? Why not? Poster. A.R.C.

First aid and life saving institutes. Annual. A.R.C.

First aid and life saving instruction for 1929. A.R.C. 1929
First aid and life saving service: report of yearly activities. 7p (varies) A.R.C.

Paper reprint from annual report of the American National Red Cross.

Instructor's manual. Standard and ad-

vanced senior first aid courses. 48p A.R.C. Feb. 1929

Junior life saving crews for boys and girls. Free. A.R.C.

King Neptune's cure for piracy. Free. A.R.C.

Learn to swim. Poster. Free. A.R.C. Life saving and water safety. (il) 60c 267p Blakiston, 1937

Life saving contest rules. Free. A.R.C. Life saving corps for men and women. Free, A.R.C.

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Rules governing life-saving contests. Am. Phys. Educ. Rev. June 1928

Standard swimming course of the first aid and life saving institute. A.R.C. Rev. regularly.

Swimming, Mimeo, A.R.C. 1934

American Red Cross-Continued

Swimming and diving. (il) 60c. 271p Blakiston. 1938

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Free. A.R.C.
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Free. A.R.C. 1925

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Waterfront protection for the summer camp. Free. A.R.C. Rev. regularly.

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Ammoniation. See Water Purification, chlorination and chlorine-ammonia process

See Speed Swimming, analysis Analysis. See Speed Swimming, analysis of; Strokes; Teaching; Water Analysis

Ancient History. See History, ancient

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man. 1936
Anthony, I. W. See Kistler, G. jt. auth.
Anthony, R. and Brouardel, G. Anthropologie hygiène individuelle, piscines, éducation physique. 2nd ed. Baillière, Tindall & Cox. 1930 Approaches. See Diving, approaches; Life

Saving

Aquaplaning. See Recreational Swimming, aquaplaning

Aquatic Conference of the South

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Before 1800-Continued

-manuel du nager; ou, De la pratique de l'art de nager (manual of swimming; or, The practice of the art of swimming). [Prevost Desfourneaux] 1788; 166p 1790; 51p Cailleau. 1821; Bloquel. 1821

Published anonymously.
A copy of the ed. of 1821 which was published by Bloquel at Rouen, France, may be found in the Free Library, Birmingham, Eng.

-méthode sûre pour apprendre à nager en peu de jours (certain method of learning to swim in a few days). [Nicolas Roger] 36p Legras. 1783 -new art of swimming, with Dr. Franklin's Directions to swimmers and Dr.

Buchan's Advice on river and sea-bathing. [Printed for Ann Lemoine] 38p London, White Rose Court. The Author. 1798(?)

-l'uomo galleggiante; o sia, L'arte ragionata del nuoto (complete gen-tleman, or, a Method of learning to swim). [Oronzio de Bernardi] 260p Stamperia. 1794

-vollständiger Lehrbegriff der Schwiminkunst auf neue Versuche über die spezifische Schwere des menschlichen Körpers gegründet (comprehensive course of teaching new methods of the art of swimming based on the specific weight of the human body). [Oronzio de Bernardi] 251p 2v Indus.-Comp. 1797
Translated from the Italian and accompanied by notes by Friedrich Kries, professor at the Gymnasium at Gotha.

- From 1800 to 1850, advice to all who bathe for amusement, health, or who are desirous of acquiring the art of swimming—in which is clearly shown the impossibility of an accident happening when equipped with the invention called the Seaman's friend and bather's companion. [W. H. Mallison] 48p Cornhill, Eng., 6 St. Michael's Alley. The Author. 1812(?)
- —advice to bathers. 6d. London. 1810 Cheap plagiarism of works of Thévenot and Franklin.
- -angler's companion; or, Perfect instructor in that useful and pleasing recreation, to which is added The art of 28p Hodgson. swimming. 1828
- -Anleitung zur Schwimmkunst (instruction in the art of swimming). [J. Jerôme] Mainz, Germany. 1824
- -l'art de la natation (art of swimming). [Turbi] 1st ed. 32p Fayet. 1840; 2nd ed. Levy. 1842 Facsimile of manuscript.
- —art of angling with The art of swimming. [G. Smeeton] 64p London. The Author. 1820(?)
- -art of swimming. 6d. 64p Hodgson. 1825

- -art of swimming. [Thomas Tegg] 1s. 40p London, 111 Cheapside. The Author. 1805
- -art of swimming; a series of practical instructions, an original and progressive plan by which the art of swim-ming may be readily attained with every advantage of power in the water; accompanied with twelve copper-plate engravings, comprising twenty-six appropriate figures correctly exhibiting and elucidating the action and attitude in every branch of that invaluable art, to which is added, Dr. Franklin's treatise, also some anecdotes respecting swimming. [J. Frost] 72p Gallaudet. 1818
- -art of swimming containing easy and simple directions. 6d. 28p Walwyn. 1831
- -art of swimming containing instruc-tions relative to, with cautions to learners and advice for bathing, to which is added Dr. Franklin's advice, Dr. Buchan's remarks on river and sea-bathing; an account of Mr. Mallison's invention called the Seaman's friend, or bather's companion and the rules and directions of the R. H. S. for restoring to life persons apparently drowned. 1st ed. 24p 1810; 2nd ed. 36p Mason. 1815(?)
- -art of swimming exemplified by dia-grams from which both sexes may learn to swim and float on the water; and rules for all kinds of bathing in the preservation of health and cure of disease, with the manage-ment of diet from infancy to old age, and a valuable remedy against seasickness. [James Arlington Bennett] 103p Collins Bros. 1846
- —art of swimming: Fairburn's edition.
 [J. Fairburn] 16p 1824; reprint 24p London, 110 Minories. The Author. 1830
- -art of swimming made safe, easy, pleasant and healthful by attention to the instructions herein set forth; to which is added Cautions to learners and advice for bathing by the late celebrated Dr. Benjamin Franklin. 24p Bailey. 1819
- —art of swimming, the utility of, etc.
 [A. M. Payne] 2s. 56p Horne. 1841
 Prize essay of the National Swimming
 Society for 1840. Published jointly with
 essay written by James Mason in 1839.
- de nadar compendiado (compendium of the art of swimming). [Oronzio de Bernardi] 190p Alban. 1807
- -l'arte del nuoto (art of swimming, theoretical-practical; demonstrated according to the principles of physics, with appropriate figures). [Adolfo Corti] 171p Fracasso. 1819

-bather's and swimmer's pocket comcontaining precautionary rules in case of accidents both for bathers and swimmers.

W. M. Clark. 18-(?)

-beknopte Handleiding tot de Zwemkunst; of, De Kunst om in korten Tijd het Zwemmen en Duiken in alle Opzigten volkomen te Leeren (short introduction to the art of swimming; or, The art of perfectly learning in a short time swimming and diving in all its branches). [D. Noothoven van Goor] 125p Brandenburg. 1826

—l'école de natation, contenant une méthode facile pour apprendre à nager seul en fort peu de temps, destinée aux deux sexes et mise à la porte de tout le monde (school of swimming, containing on containing swimming, containing an easy method for learning to swim well in a short while, designed for both sexes and placed at the disposal of everyone). [Alexandre Kugge de Derpt] 14p Paris, rue Saint-Avoye 63. The Author. 1845
—elementary course of gymnastic exercises intended to develop and im-

prove the physical powers of man: with the report made to the Medical Faculty of Paris on the subject: and A new and complete treatise on the art of swimming. [P. H. Clias] 1809; 4th ed. 10s. 6d. 184p Sherwood, Gil-

bert & Piper. 1825

—friend in need; or, The complete art of swimming also resuscitation, recommended by the Humane Society of London, to which is added A preventive against the cramp, a statement, correctly made, of the many lives lost in the River Eden and other rivers in Cumberland from 1798 to the present time. [H. Watson] 1s. 34p Jollie, printer. 1819

—das Ganze der Schwimmkunst (whole art of swimming). [T. F. Nickol]

84p Fuerst. 1841

-le guide des nageurs; ou, Méthode sûre pour apprendre à nager en huit leçons (guide for swimmers; or, A sure method for learning to swim in eight lessons). [Louis Poissonnier] Delacour. 1813

-hand-book for bathers; or, Hints on the various kinds of baths, with directions for swimming. [Medical Member of Her Majesty's Household (D. W. Jobson)] 47p Churton. 1846

- -hand-book of bathing, 146p Chambers; Orr. 1841
- -handbook of swimming. 1d. 36p London. 1844 Printed for the book sellers.
- -handbook of swimming. George Routledge] 64p Routledge. 18-(?)
- -Handbuch der Schwimmlehre (handbook of swimming instruction). [Max von Hoderlein] 54p Wurzburg, Germany. 1832

-der kleine Schwimmer (little swimmer). [L. J. Lehmann] Hamburg, Germany. 1845

-kort anvisning til at laere at svømme (short book of instructions on the teaching of swimming). [F. Nachtegall] 24p Copenhagen, Denmark. 1834

-die Kunst, in 24 Stunden ein geschickter Schwimmer zu werden (how to become a good swimmer in 24 hours). [C. L. Hoffman] 35p Hamburg, Germany. 1836 Kunstmatige ad

ademhaling herstelling van schijndooden (art of breathing completely presented for swimmers). [A. W. M. Hasselt] Utrecht, Holland. 1847

-kurzgefasste und gründliche Anweisung zu Erlernung der Schwimmkunst (short and thorough instructions for learning the art of swim-ming). [Otto von Corvin Wiers-bitzki] 3rd ed. 88p Leipzig, Germany. 1842

-manuel des baigneurs, précédé de L'histoire des bains, suivi d'Un traité de la natation (manual for bathers preceded by The history of the bath, followed by A treatise on swimming).
[V. Raymond] 148p 1840; 158p Desloges. 1841

-manuel du nageur; Principes ou, nouveaux pour se perfectionner dans la natation, suivi de L'art de plonger avec grace, orné de gravures (man-ual of the swimmer; or, New principles for perfection of one's self in swim-ming, followed by The art of diving with grace, adorned with pictures). Locard August. 1819

-new and complete art of swimming with full necessary directions. [Printed for J. Quick] 6d. 26p Newman. 1815(?)

- -Notizen über Gymnastik in Vorzugs-weiser Beziehung auf die zweckmässige Anwendung der kalten Bader in offenen Wassern und der Schwimmkunst (notes on gymnastics with special regard to the practical employment of cold baths in open water and the art of swimming). [V. Mekarski von Menk] Vienna, Austria. 1831
- ouveau guide des nageurs; ou, Méthode infaillible pour apprendre à nager en peu de jours (new guide ---nouveau for swimmers; or, An infallible method of learning to swim in a few days). [Nicolas Roger and Melchisedech Thévenot] Delarue. 1820(?)
- -nuevo arte de nadar, recopilado de los mejores autores que han escrito sobre la materia, especialmente de las obras de Thévenot y del célebre luzo [sic] Nicolas Roger; dispuesto en cinco lecciones y adornado con laminas por varios aficionados (new

Texts—Continued

FROM 1800 to 1850—Continued

art of swimming, compiled from earlier authors who have written on the subject, especially from the works of Thevenot and the celebrated diver Nicolas Roger; arranged in five parts, with plates by various artists). Madrid, Spain. 1848

-on the art of swimming, the utility of, etc. [James Mason] 2s. 56p Horne. 1841

Prize essay of the National Swimming Society for 1839. Published jointly with essay written by A. M. Payne in 1840.

- —Orr's Book of swimming as practiced and taught in civilized nations and used for preservation of health and life. 36p Orr. 1846
- -Paris dans l'eau (Paris in the water). [Eugène Briffault] 138p Hetzel. 1844
- Schwimmeister -der philantropische (philanthropic swimming master). [Carl Csillagh] 43p Vienna, Austria.
- -practical swimming book, and poem on swimming, describing its dangers, uses and advantages; interspersed with anecdotes: shipwrecks; ancient and modern Greece compared; the state of ancient Rome and modern Rome; the ancient Romans' and Greeks' practice in swimming; with a description of the glorious battle of the Nile; and a new song-tune God Save the Queen. [Paulin Huggett Pearce] 48p Kinder. 1843
- -praktische Anweisung zur Schwimm-kunst nach der V. Pfuel'schen Methode (practical instruction in the art of swimming according to the method of V. Pfuel). [F. G. Kellenbeil] Basse. 1842
- -remarks on baths, water, swimming.
 [M. L. Este] Ridgway. 1811; Mitchell. 1812; reprint Mitchell. 1845
- -scientific swimming; being a series of practical instructions on an original and progressive plan, by which the art of swimming may be readily at-tained with every advantage of power in the water; accompanied with twelve copper-plate engravings, comprising twenty-six appropriate correctly exhibiting figures elucidating the action and attitude in every branch of that invaluable art. [J. Frost] 8s. 40p Darton. 1816
- -seaman's friend: advocating the use of a life belt devised by the author instead of learning to swim. [W. H. Mallison] 44p London. 1804
- -swimmer's and skater's guide, containing rules founded on experience for acquiring a perfect knowledge of those agreeable, healthful and invigorating arts: to which are added di-

rections taken from the proceedings of the Royal Humane Society, instituted for the recovery of drowned persons. 24p Thomas Richardson. 1838(?)

vimmer's hand-book; wherein are many valuable precepts, which, if the reader strictly follow, he will soon -swimmer's become an expert swimmer. [John Leighton] 56p Tyas; Menzies. 1838(?) Routledge. 1841; reprint under title Swimming. (Routledge Six-penny Hand-books)

-swimmer's manual. 1d. 14p London.

1848(?)

-system of swimming; the only rules for a quick initiation into the same. [Stevens] 1st ed. 1837; 2nd ed. 24p Biggs. 1845

-théorie du nager de l'homme (theory of the swimming of man). Fournier d'Adissan] 23p Martel. 1815
Presented to and published by the
Faculty of Medicine of Montpellier.
—traité de la natation; ou, L'art de nager

est démontré avec la plus grande précision (treatise on swimming, or The art of swimming demonstrated with the greatest precision). 36p 1843; 1845; 54p 1853; 5th ed. 62p 1855; 6th ed. 1859; 7th ed. 1865; 8th ed. 1868; 9th ed. Desloges. 1899 Title varies.

-treatise on the art of swimming.
[Paulin Huggett Pearce] 32p London, 5 Harbour St., Ramsgate. The Author, 1842

twelve maxims on swimming. [William Clarke] 30p Tilt. 1833
 Published anonymously.
 ueber das Schwimmen: zweite ver-

mehrte und verbesserte Auflage (concerning swimming: 2nd enlarged and improved edition). [Ernst von Pfuel] 51p Duemmler. 1817. 1827

-Unterricht in der Schwimmkunst nebst einem Heft Abbildungen (instruction in the art of swimming with illustra-tions, after the method of teaching). [Carl Heinitz] Strauss. 1816

-Vorschriften für der Schwimmunter-richt (directions for swimming instruction). [Hauptmann Purkartl Munich, Germany. 1827

-der Wasserfreund (waterfriend). [J. D. Holzmann] Vienna Austria 1824

- -whole art of swimming. [T. Hughes] 40p London, 35 Ludgate St. The Author. 1820
- From 1850 to 1900, A. B. C. of swimming, being easy steps for self instruction. (Warne's Bijou Books). (col ils). [J. G. Wood] 6d. 95p Warne. 1866
- -adventurous life and daring exploits in England and America of Captain Matthew Webb. [Henry Llewellyn Williams] 1d. 8p Smith. 1883(?)
- -American swimming manual. [John Price Fletcher] 43p Riverdale. 1899

—animal locomotion; or, Walking, swimming, and flying. [J. Bell Pettigrew] (International Scientific Series, v7). 1st ed. 264p 1873; 2nd ed. London. 1874

-Anleitung zur Ertheilung der Schwimmunterrichts (introduction to the divi-sion of the teaching of swimming). [Adolph von Buonaccorsi di Pistoja] Vienna, Austria. 1880

-Anweisung selbst Schwimmen zu Ler-

nen (instruction for swimming self-

taught). Berlin. 1859

-l'art de mer et en rivières appris sans maître (art of the sea and rivers learned without a teacher). [J. P. A. Duflo] 1st ed 92p 1866; 2nd ed. 88p Taride. 1885

-art of boxing, swimming and gymnas-tics made easy. [Henry Llewellyn Williams] New York City. 1883 Published for the trade.

-art of swimming. (Dean's Champion Handbooks). [Davis Dalton] 1s. 44p

Dean, 1891

-art of swimming. [Nageur, pseud] 12p

Goode. 1880(?)
Author's real name believed to be Benjamin Clayton.

- t of swimming. [Matthew Webb] 2s. 6d. 111p 1875; 2nd issue. Ward, Lock & Tyler. 1877(?) Ward, Lock. -art of swimming. 1878(?)
- —art of swimming; a short treatise; being a few useful and practical remarks. [March] 2d. 8p Gas Power Printing W. 1888

- —art of swimming in the Eton style.

 (il) [Leahy] 99p Macmillan. 1875
 —art of swimming made easy. [J. Neal]

 41p London, 61 St. Johns Square.

 The Author. 1868
- art of swimming with easy instruction for plain and fancy swimming. [Benjamin Clayton] 1d. 8p Goode. 1879
- -art of swimming with hints on bathing and instructions to beginners. [C. E. Stewart] 25p Clark. 1885

Dedicated to Andrew Carnegie, donor of the baths, Carnegie Swimming Club, of which the author was secretary.

- -art of swimming with observations on the saving of life, sea bathing, training for swimming, etc. (The Champion Handbooks). [Henry Gurr] 6d. 56p Darton & Hodge. 1866; reprints Lea. 1868(?); Grapho Co. 1872(?); Dean & Son. 1874(?)
- der ausdauernde Schwimmer (persevering swimmer). [Carl von Orofino]
 Vienna, Austria. 1879
- -bath and the beach; or, All about bathing with instructions how to swim and how to save from drowning. [A. M. Robinson] Sampson Low, Marston, 1871
- -bather's guide and athlete's companion. [Harry W. Fisk] 6d. 100p Portsmouth Swim. Club. 1878
- -bather's manual. [William Wilson] Somers. 1883

- —bathing and swimming without danger of drowning. [T. L. Nichols] 32p Aquat. Saf. Co. 1870; Farrah & Co. 1873
- -bathing in London. [Hadley Prestage] 38p Shoreditch. 1877
- -Beadle's Dime guide to swimming, embracing all the rules of the art for both sexes. [Philip Petersen] 10c 40p Beadle. 1863
- -beknopte Handleiding tot de Zwemkunst en het Redden van Drenke-lingen (short handbook on art of swimming and for the rescue of drowning persons). [W. C. J. H. Plooster van der Roest] 28p Scheltema & Holkema. 1875(?)

—book on swimming. [W. C. Pearson]
24p Delittle. 1888(?)
—boy's guide to swimming. 1d. 8p Gage
& Hunter. 1880(?)

-boys' of England swimming guide, 1d.

Burnside. 1864(?)

-boy's own illustrated handbook of swimming containing easy rules for self-instruction. 15p March. 1851

-Captain Webb's Swimming companion.

[R. March] 1d. 26p March. 1877(?)

-Captain Webb's Swimming instructor.

Matthew Webbl 64p Street & Smith. 1891

-cautions to bathers, containing the first written statement that "cramp is too readily assumed as the cause of drowning." [Royal Humane Society of England] Roy. Humane Soc. 1883—complete guide to the art of swimming. [H. E. Harberd] 12p London, Red Lion Court, Fleet St. The Author 1972

thor. 1872

- —Dipple's Handbook, containing complete treatises on swimming, songbirds, poultry, baths, angling, pigeons, rabbits, bathing. [Francis Benjamin Thompson] 1st ed. 1850; 2nd ed Dipple. 1851(?) Swimming, p 1-14.
- -easy hints on swimming. [Daniel Beaton] 3d. 8p Hamilton, 1885(?)
- -Erinnerung an den Schwimmunterricht (reminder of the rules of swimming). [Wilhelm Karl Ritter von Haidinger] 10p Seidel. 1870
- —everybody a swimmer: containing full instructions how to learn to swim, together with incidents in the career of the author. [Thomas Coyle] 44p Melville & Haas. 1884
- -few words on swimming, with practical hints to beginners. [Ralph Harrington Thomas] 2d. 16p Holyoake & Co. 1861

Published under pseud. (Ralph Harrington).

s Ganze der Schwimmkunst für Schwimmschüler und Freischwimmer (complete art of swimming for students of swimming and free swimmers). [A. C. Schiffman] Mu-nich, Germany. 1880 Texts—Continued

From 1850 to 1900—Continued
—Godwin Island, a play and swimming book. [Paulin Huggett Pearce] Roberts. 1872(?)

Swimming, p 1-6.

—handbook of athletic sports: rowing and sculling, sailing, [Ernst Bell] Bell. 1890 swimming.

-handbook of swimming and skating. [George Forrest] 1858; Routledge & Co. 1860. 1863

Forty pages on swimming by J. G. Wood, (pseud. for Forrest; sometimes given as author).

-Handbuch für den Schwimmunterricht zum Gebrauche an Militärschwimmanstalten (handbook of instruction on swimming for use in military institu-tions). [Robert von Bartsch] 31p

1894 Mitler.

-Handbuch für Schwimmvereine (handbook for swimming clubs). [Georg Kallenbach] 157p Breslau, Germany. 1896

—hints on swimming. [James Finney] 16p Clegg. 1886

-hints on swimming. [William Wilson] 20p Somers. 1879; 19p Cricket Press. 1881

- -how to angle and how to swim, containing many valuable hints and rules on angling, also clear and simple directions by which any one may become a proficient swimmer. 6d. 59p New York Pop. Pub. Co. 1870(?)
- —how to avoid being drowned, or all about flotation, containing descrip-tions of the first life buoy. [F. W. Brewster] 98p Roberts & Leete. 1885
- -how to learn to swim. [Frederick Cav-ill] 24p Solomon. 1884
- -how to learn to swim. (il. with 14 cuts) [Donald Morrison] 2d. 16p Sunday School Union. 1897
- -how to swim. [James Ferguson] 1d. 30p Lockhead. 1894
- -how to swim. [Harry W. Fisk] Free. 6p Portsmouth Swim. Club. 1879
- —how to swim: a practical treatise upon the art of natation, together with instructions as to the best methods of saving persons imperilled in the water, and of resuscitating those apparently drowned. (il) [Davis Dalton] \$1.50 133p Putnam. 1899
- -how to swim and how to skate. (Family Herald Handy Books). London. Compiled from various sources without acknowledgment, except to Franklin.
- -how to swim, plunge, bathe, float, and [Piscator, pseud] 96p Braddive.
- -how to teach swimming in class, diagrams and drills, with directions, diagrams, hints, etc. for those learning to swim by themselves. [C. W. A. Brooke and H. Torkington] 34p Philip. 1896

bury. 1871, 1872

-instructions in the art of swimming.
[B. C. Richardson] 51p Ridgway.
1857

-Jahresbericht des Verbandes Hamburger Schwimmvereine (Hamburg annual). Swimming Association [Hamburg Swimming Association] Hamburg, Germany. 1897 —Katechismus der Schwimmkunst (cate-

chism of the art of swimming). (Illustrierte Katechismen). [Max Müller]

101p Hesse. 1891

-Katechismus der Schwimmkunst (cate-chism of the art of swimming). [Martin Schwägerl] 127p 1880; last ed. Weber. 1901

---kleine Schwimmschule (swimming-

school for the young). [Wilhelm Kehl] 3rd ed. 18p Drell. 1888

-kleines Lehrbuch der Schwimmkunst (little teacher of the art of swimming). [Carl Euler] Rev. ed. 58p Mitler. 1891

adebecks Schwimmschule (Ladebeck's swimming school). [Hermann Ladebeck] 1878, 1880, 1884, 1888, 1892. –Ladebecks

94p Fleischer, 1900

-learn how to swim: pointers about swimming and aquatics: the autobiography of a professional swimmer: hints and suggestions to beginners: a brief treatise on swimming. (il) [Clara Beckwith] 42p Day. 1893

-lessons on swimming. [Bibbero] 3d. Chalfont. 1871; 6d. Crown Pub. Co.

1884

-Life Saving Society's handbook; containing a drill for technical education in the principles of life-saving and resuscitation, a description of the organs of respiration, and articles on plunging, motionless floating, bathing, swimming, and the management of life-saving competitions. [Archibald Sinclair and W. Henry] 1891; rev. eds. 1893, 1894.

–la locomotion dans l'eau, principes élémentaires de natation (locomotion in the water, elementary principles of swimming). [C. Defrançois] 66p

Rheims, France. 1870

-manual da arte nadar conforme o sys-tema de Turbri (manual of the art of swimming according to the system of Turbri). 27p Rio de Janeiro, Brazil. 1854

- -manual of swimming, including bathing, plunging, diving, floating, scientific swimming, training, drowning, and rescuing (il. with 11 plates). [Charles Steedman] 5s. 270p Dwight; Lockwood & Co. 1867; 3s. 6d. 1873; 2s. 6d. Lockwood & Co. 1875
- -manuale del nuotatore con 97 incisione (manual of swimming with 97 illustrations). [Abbo Pietro Vittorio] Milan, Italy. 1896
- -manuel pratique de natation (practical manual of swimming). [François Berthillot] 111p Georg. 1889

-March's Handbook of swimming. [R.

March] 32p March. 1874
—la natation et les bains, suivi de quelques indications sur l'art de nager (swimming and baths, followed by several observations on the art of swimming). [Paul Christ-mann] 1st ed. 92p 1887; 2nd ed. Picard & Kaan. 1888

-la natation; ou, L'art de nager appris seul en moins d'une heure (swimming; or, The art of swimming learned alone in less than an hour).
[P. Brisset] 35p Garnier. 1870
—neue und beste Art zu Schwimmen

(new and better manner of swimming). [Alfred Keichel] Aderholz. 1897

-new handbook on training for athletic exercises, including aquatics and swimming. [W. E. Morden] 1s. 58p Seale. 1887

-new manual of swimming. [Menstery] New York City. 1878

-petit traité de natation (little treatise on swimming). [Adolphe Esprit] 36p Méra. 1864

-petite école de natation: nage et plongeage (little school of swimming: swimming and diving). [Ripault] 30p Dijon, France. 1893

-plate swimming with notes on the sci-

-plate swimming with notes on the science of natation. [R. H. Wallace Dunlop] 128p Routledge. 1877

-popular lessons in swimming. [William Wilson] 1d. 39p Hay, Nisbet. 1890

-practical swimmer by one. 28p N. England School Furnish Co. 1800

land School Furnish. Co. 1890

-Professional Swimming Association:
season 1887: a handbook of officers, origin and progress, captaincy races since 1881 and rules. [Professional Swimming Association] Ramsden. 1887

-report of the physical education sub-committee on bathing accommoda-tions and swimming classes. [Lon-

don School Board] 42p London. 1890

-rowing almanack: all swimming
strokes and safety. [W. H. R. Royston] Kent. 1862

-Schwimmbuch für Knaben und Jünglinge (swimming book for boys and children, a short introduction to learn swimming by simple theoretical and practical means following the father of the swimming Gutsmuths: with a history of the art of swimming and a list of sanitary precautions to be observed before, during, and after a cold bath). [Louis Pommer] 83p Schickhardt & Ebner. 1881

—das Schwimmen (swimming). [W. Auerbach] 1st ed. 1871; 2nd rev. ed.

114p Stubenrauch. 1873 -das Schwimmen (swimming). [O. M. Seidel] 62p Raschte. 1886

-Schwimmen als Kunst und Sport (swimming as an art and a sport: summary of all known methods). [Carl von Orofino] 56p Seidel. 1894 —die Schwimmkunst (art of swimming: theory and historical sketch with a. guide for teachers and pupils). [Alphons Minch] 27p Münster, Germany. 1898

—der Schwimmschule (swimming school: a practical guide for all who wish to learn all kinds of swimming: also a reference book for swimming masters). [Anthony van Buren] 31p Hartleben. 1877

-la science des campagnes: premières leçons de natation (science of campaigns: first lessons of swimming).
[J. A. Conseil] 111p Paris. 1865

-shut your mouth and save your life.
[George Catlin] 4th ed. The Author. 1870

—suitable bathing dresses as used in Biarritz, with instructions whereby any lady, self-taught, may learn to swim. [W. F. Taylor] Windsor, Eng. The Author, 1864

-swimmers and swimming; or, The swimmer's album. [Charles Newman] 93p Pictorial Press. 1898

-swimmer's companion, being the whole art of swimming clearly explained and made easy, containing the rules for self-instruction, sea-bathing and how to proceed in cases of supposed drowning. [James Kay] 2d. Glasgow, Scotland. The Author. 1882(?)

-swimmer's companion, containing the easiest and most beneficial method of learning, with instructions in the most clever feats practiced by expert swimmers, 15p Kerton, 1852

-swimmer's handbook, containing the whole art of swimming (figure springing) with advice to bathers, by Dr. Franklin. 30p Elliot. 1854

-swimmer's practical manual of plain facts, and useful hints, especially adapted for the use of learners; with valuable rules and instructions on training for matches; also the precautions to be observed and measures to be adopted in rescuing persons when drowning. [William Woodbridge] 40p Wade. 1864

-swimming. (il) [Martin Cobbett] 64p Stokes. 1890

-swimming. (il) [Martin and J. Racster Cobbett] 1s. 64p Bell. 1891. 1895 Frequent reprints after 1895.

-swimming. [Archibald Sinclair] 96p 1894; 148p Routledge; Dutton. 1909

bibliographical -swimming: [Ralph Harrington Thomas] John R. 1868; 488p Sampson Low, Smith.

Marston. 1904
Includes lists of books published in English, German, French and other European languages; critical remarks on the theory and practice of swimming, diving and resuscitation; critical remarks on biography, history and bibliography; more than one hundred illustrations.

Texts-Continued

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-swimming: a book devoted to the art of swimming, diving, plunging, and a chapter on training. (Spalding's Athletic Library No. 25). [Walter G. Douglas] Pa. Am. Sports Pub. 1894

-swimming and its attendant accomplishments for the use of school teachers and others. [P. M. Salmon] 6d. 12p A. T. Clark. 1883

"A short treatise on the art of swimming, diving, etc., which will enable a teacher, male or female, to impart instruction, whether able to swim or otherwise."

- --swimming and life-saving. [W. D. Andrews] 136p Briggs. 1899
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- -swimming cards: complete self-instructor for both sexes. [Hobson Bocock] 3d. Hannan. 1888
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- -swimming club directory for the United Kingdom. [William Smith, for Llandudno Club] comp., for Llandudno Club] 88p Llandudno Club. 1885

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- -swimming, diving and how to save life. [William Wilson] 2s. 142p Kerr & Richardson, 1876
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- -traité de natation; ou, L'art de nager en rivières et en mer, contenant les principes de la natation et la description des appareils et ceintures de sauvetage (treatise of swimming or the art of swimming in rivers and in the sea, containing the principles and descriptions of the apparatus and life-belts of rescue). [Nicolas Roger] 2fr. 144p Delarue. 1881(?)
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- From 1900 to June, 1938, A B C of swimming. (il) [Benjamin H. Schlomberg] Pa. \$1 40p Davis-Olivier. 1922

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Pa. 25c 100p (eds. vary slightly).
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\$1.50 1910; \$1.15 1918; \$1.50 104p

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Mill. 1937; 2s. 6d. 88p Blackie

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-swimming and water safety. [Boy Scouts of America] 75c. 1927; 75c. 1929; 60c 248p Boy Scouts. 1931

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APPENDICES

Appendix A

ORGANIZATIONS PROMOTING SWIMMING

(The nations represented in the Fédération Internationale de Natation Amateur appear at the end of this list.)

Amateur Athletic Union of the United States, 233 Broadway, New York City. Founded 1888.

Amateur Diving Association of England, continued as Amateur Swimming Association of England. Merged in 1936. See under F.I.N.A., Great Britain. American Association of Pools and Beaches,

continued as National Association of Amusement Parks, Pools and Beaches.

American Camping Association, Lane Hall, Ann Arbor, Mich.

American Institute of Park Executives, 327 West Jefferson St., Rockford, Ill.

American Park Society, continued as American Institute of Park Executives

American Public Health Association and the Conference of State Sanitary Engineers,

Joint Committee on Bathing Places, 50 West 50th St., New York City. American Red Cross Life Saving Service. National Office, Washington, D.C. Director, Harold F. Enlows. Jurisdiction: Alabama, Connecticut, Delaware, District of Columbia, Florida, Georgia, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsyl-vania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia and West Virginia.

Mid-Western Branch, 1709 Washington Ave., St. Louis, Mo. Director, A. W. Cantwell. Jurisdiction: Arkansas, Colorado, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Wisconsin and Wyoming.

Pacific Branch, Larkin & Grove Sts., San Francisco, Calif. Director, E. H. Carroll. Jurisdiction: Alaska, Arizona, California, Idaho, Nevada, Oregon, Utah and Washington.

Aquatic Schools-

Eastern Area: Camp Carolina, Brevard, N.C.; Camp Letts, Edgewater, Md.; Culver Military Academy, Culver, Ind.; Camp Kiwanis, South Hanson, Mass.; Camp Brooklyn, Narrowsburg, N.Y.; Chautauqua Institution, Chautauqua, N.Y.

Mid-Western Area: Camp Mystic, Hunt, Tex.; Culver Military Academy, Culver, Ind.; Camp Induhapi, Loretto, Minn.; Rockaway Beach, Lake Taneycomo, Mo.; Indian Mound Reservation, Oconomowoc, Wis.

Pacific Area: Tempe Beach, Tempe, Ariz.; Como Springs, Morgan, Morgan County, Utah; Guernewood, Guernewood Park, Sonoma County, Calif.; Gwinwood, Olympia, Wash.

Aquatic Committee of the National Section on Women's Athletics of the American Association for Health, Physical Education and Recreation, American Association for Health, Physical Education and Recreation, 1201 Sixteenth St., N.W., Washington, D.C.

Boy Scouts of America, 2 Park Ave., New York City.

British Sports and Games Association, London.

Camp Directors Association, continued as American Camping Association.

Camp Fire Girls, Inc., 41 Union Square, New York City.

Chinese Swimming Club, Tanjong Bungah, Penang, China.

College Swimming Coaches' Association of America, S. W. Ingram, President, 1939, Colgate University, Hamilton, N.Y. English Royal Life Saving Society. See

Royal Life Saving Society of England. Girl Scouts, Inc., 14 West 49th St., New York City. Holland Life Saving Service, Amsterdam,

Holland.

Jantzen Swimming Association, Jantzen Center, Portland, Ore.

Intercollegiate Swimming Coaches' Association of America. See College Swimming Coaches' Association of America.

Interscholastic Swimming Coaches' Association of America, Alfred A. Neuschaefer, Secretary, 1939, Central High School, Trenton, N.J.

Joint Committee on Bathing Places. See American Public Health Association and the Conference of State Sanitary Engineers, Joint Committee on Bathing Places.

Metropolitan Life Insurance Company, New York City.

National Amateur Athletic Federation, 303 West 42nd St., New York City.

National Association of Amusement Parks, continued as National Association of Amusement Parks, Pools and Beaches.

National Association of Amusement Parks, Pools and Beaches, Suite 295, Hotel

Sherman, Chicago, Ill.
National Association of Bath Superintendents of England, 30-31 Furnival St., Holborn,

London.

National Association of Swimming Instructors, Mr. H. A. Pike, Hon. Secretary, 6, Charles St., Barnes, S.W. 13, England.

National Collegiate Athletic Association, Edward T. Kennedy, Editor of Guide, Columbia University, New York City.

National Collegiate Life Saving Society,
Joseph E. Raycroft, President, 1939,
Princeton University, Princeton, N.J.;
Prof. Frank B. Wall, Secretary, 1939,
New York University, New York City.
National Conference on State Parks, con-

tinued as American Institute of Park

Executives.

National Recreation Association, 315 Fourth

Ave., New York City. National Safety Council, Inc., 20 North

Wacker Drive, Chicago, Ill. New South Wales Surf Life Saving Association. See Surf Life Saving Association of Australia.

Portland Cement Association, 33 West Grand Ave., Chicago, Ill.

Royal Life Saving Society of England, 8
Bayley St., Bedford Square, London.

Surf Life Saving Association of Australia, Sydney, New South Wales, Australia. Founded Oct. 1907. U.S. Coast Guard, Washington, D.C.

U.S. Department of the Interior, Washington, D.C.

Volunteer Life Saving Corps, Dr. M. W. Talcott, 91 Sabin St., Providence,

R.I. Y.M.C.A., 347 Madison Ave., New York City.

Y.W.C.A., 600 Lexington Ave., New York

City.

Young Swimmers' League (Young Sea Lions), sponsored by The Swimming Times, 4, Waddon Park Ave., Croydon, London.

Fédération Internationale de Natation Amateur

(Founded London, 1908) Secretary and Treasurer, Dr. Leo Donath (Hungary), Budapest XI, Bertalan utca 22

Argentina—Federación Argentina de Nata-ción y Water Polo, President, Mario L. Negri, Buenos Ayres, Lavalle 391, 6° Piso.

Australia—Amateur Swimming Union of Australia, Hon. Secretary, J. P. Sheedy, P.O. Box G. 506, Perth, Western Australia.

Austria-Verband Österreichischen der Schwimmvereine, Wien II, Dianabad. Belgium—Fédération Royale Belge de Nata-

tion et de Sauvetage, Secretary Gen., R. De Raeve, Gand, Avenue du Muide 162.

Bermuda—Bermuda Athletic Association, Treasurer, E. L. Gibbons, Hamilton, Bermudas.

Bolivia-Federación Boliviana de Natación, La Paz, care of H. E. The Minister of Bolivia, Bolivian Legation, Berlin.

Brazil-Confederacas Brasileira de Desportos, Rio de Janeiro, Caixa Postal 1078.

Bulgaria—Ligue Maritime Nationale Bulgare, Varna, Bulgaria.

Canada—Canadian Amateur Swimming Association, Hon. Secretary, Pat Earl, Montreal, 630, Dorchester St., W. Room 331.

Chili-Federación Chilena de Natación, Ca-

silla 4161, Santiago.

China—China National Amateur Athletic Federation, Secretary Gen., Wm. Z. J. Sung, The New Stadium, Yenping Road, Shanghai.

Czecho-Slovakia—Ceskoslovensky Amateur-sky Plavecky Svaz, President, L. Hauptmann, Praha, Vinohrado XII, Premy-

slovska No. 27.

Denmark—Dansk Svømme og Livrednings-forbund, President, N. Jagd, Vodroffs-vej 37, Kopenhagen, V.

Egypt-Union Égyptienne des Sociétés Sportives, Alexandrie, B.P. 651. Secretary Gen., M. Herman. Esthonia-Eesti Veespordiliit, Tallinn, Rae-

koja pl. 9, Post Kast 70.

Finland-Suomen Uimaliitto, Hon. Secretary, Esko Maekinen, Helsinki, Albertinkatu 6.

France-Fédération Française de Natation et de Sauvetage, Secretary Gen., A. Chalicarne, Paris, XXe, Avenue Gambetta 148.

Germany-Reichsbund für Leibesübungen, Berlin-Charlottenburg, Haus des Deutschen Sports, Fachamt Schwimmen.

Great Britain-England-Amateur Swimming Association, Hon. Secretary, H. E. Fern, J.P., "Springhaven," Barnet, Fern, J.P., "Springhaven Herts, Eng. Founded 1869.

Scotland-Scottish Amateur Swimming Association, Hon. Secretary, R. Cunningham, 10, Rannoch Drive, Canniesburn, near Glasgow.

Wales-Welsh Amateur Swimming Association, Hon. Secretary, R. P. Green, 23,

Charles St., Cardiff.

Greece-Fédération Héllénique de Natation Amateur, President, N. Protopoulos,

Athènes, rue Paparrigopoulou 9.
Holland—Koninklijke Nederlandsche Zwembond, Hon. Secretary, C. Altink, Laan van Minsweerd 7 bis, Utrecht.
Hungary—Magyar Uszó Szövetség, Buda-

pest V, Alkotmány-u. 3.

Iceland—Islaendischer Schwimmverband, c/o Islaendisches Olympischen Komité, Reykjavik, P.O. Box 164.

India-National Swimming Association, The

Pavilion, Cornwallis Square, Calcutta. Ireland—Irish Amateur Swimming Association, Hon. Secretary, William Mc-Creedy, 33, Isadore Ave., Belfast.

Italy-Federazione Italiana di Nuoto, Secretary, A. Mascoli, Roma, Via dello Stadio no. 18.

Jamaica—Amateur Swimming Association of Jamaica, Hon. Secretary, W. Lowi, 76, Hanover St., Kingston, Jamaica.

Japan—Nippon Suizyokyogi Renmei (Amateur Swimming Association of Japan), Hon. Secretary, M. Tabata, 807, Marunouchi Buildings, Tokyo.

Jugoslavia-Jugoslavenski Plavicki Savez, Hon. Secretary, Dr. Ivo Pavelic, Zagreb,

Ilica 36/I links.

Peldesanas Latvia—Latvijas Savieniba, President, J. Kirkups, Riga, Vilander iela No. 3.

Luxembourg—Fédération Luxembourgeoise de Natation et de Sauvetage, Secretary Gen., Léon Hengen, rue du Marché aux Herbes 26, Luxembourg.

Malta-Amateur Swimming Association of Malta, President, P. Giorgio, 25, Prince of Wales Junction, Sliema, Malta.

Mexico-Federación Mexicana de Natación, Hon. Secretary, R. Limon Lason, Chope 159, Mexico City.

New Zealand-New Zealand Amateur Swimming Association, Hon. Secretary, B. O'Neill, P.O. Box 391, Christchurch, New Zealand.

Norway-Norges Svømmerforbund, President, J. Poleszynski, Oslo, St. Olavsgatan, 23, Idrættens Hus. Palestine-Amateur Sports Clubs Association of Palestine, Secretary Gen., Jos. Yekutieli, P.O. Box 129, Tel-Aviv.

Peru-Federación Peruana de Natación, President, Washington Patino Arca, Lima, Ayacucho No. 529 L.

Philippines—Philippines Athletic Associa-tion, Hon. Secretary, Regino R. Ylanan, P.O. Box 1905, Wallace Field, Manila.

Poland-Polski Zwiarek Plywacki, Nowi Swiat 43 m. 8, Warszawa.

Portugal—Federação Portuguesa de Nata-ção, Secretary, Mario Jorge da Silva Rocha, Lisboa, rua de Prata 81 1°.

Africa-South African Amateur Swimming Union, Hon. Secretary, A. W. McIver, P.O. Box 149, Durban.

Spain—Federación Española de Natación Amateur, Secretary Gen., Luis Santacana, Rambla de Canaletas 9 pral., Barcelona.

Sweden—Svenska Simförbundet, Stockholm.

Switzerland—Fédération Suisse de Natation, President, P. Maag, Case postale, Vevey

Turkey-Fédération Turque des Sports Nautiques, Türk Spor Kurumu, Su Sporlari Federasyonu, Ankara.

United States of America—Amateur Athletic Union, Secretary, D. J. Ferris, Woolworth Building, 233 Broadway, New York City.

Uruguay—Federación Uruguaya de Natación, Secretary Gen., Raul A. Larraseq, Colon 1537, Montevideo.

Appendix B

I. SOURCES FOR EQUIPMENT AND SUPPLIES

ACID-ALKALINE TESTING SETS. See Testing AMMONIA

• Trade Mark Registered U.S.A.

ACID-ALKALINE TESTING SETS. See Testing	Ammonia Townserve Company 214
Sets Approximate From Inverse See Inlete adjust	Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.
Adjustable Flow Inlets. See Inlets, adjustable flow	International Filter Company, 325 West
ADJUSTABLE NOZZLE INLETS. See Inlets, nozzle,	25th Place, Chicago, Ill.
adjustable	Mathieson Alkali Works (Inc.), The, 60
AERATION DOME SPRAYS. See Sprays, Water,	East 42nd St., New York City.
aeration dome	anhydrous
AIR COMPRESSORS. See Masks, Diving	Everson Manufacturing Company, 214
Air-Conditioning Equipment	West Huron St., Chicago, Ill. International Filter Company, 325 West
Westinghouse Electric & Manufacturing	25th Place, Chicago, Ill.
Company (Lighting Division), 1216	Mathieson Alkali Works (Inc.), The, 60
West 58th St., Cleveland, O. [Precipitron*]	East 42nd St., New York City.
AIR HOSE. See Masks, Diving	aqua
AIR MATTRESSES. See Mattresses, Rubber	Everson Manufacturing Company, 214
AIR STRAINERS. See Strainers, Air	West Huron St., Chicago, Ill.
	International Filter Company, 325 West
ALGAECIDES See also Copper Compound; Copper Sul-	25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60
phate	East 42nd St., New York City.
Mathieson Alkali Works (Inc.), The, 60	Ammonia Alum. See Alum, ammonia
East 42nd St., New York City.	Ammoniators
[H T H]	American Water Softener Company, 2670
Recreation Equipment Company, 724-28	North 4th St., Philadelphia, Pa.
West 8th St., Anderson, Ind.	Chemical Equipment Company, 223 Center
ALKALINE-ACID TESTING SETS. See Testing Sets	St., Los Angeles, Calif.
ALKALIS	Everson Manufacturing Company, 214
See also Fused Alkali	West Huron St., Chicago, Ill.
Certified Products Company, Inc., 500	International Filter Company, 325 West 25th Place, Chicago, 111.
South 22nd St., Birmingham, Ala.	Wallace & Tiernan Company, Inc., Newark,
Everson Manufacturing Company, 214	N.J.
West Huron St., Chicago, Ill.	Anchor, Rubber
International Filter Company, 325 West 25th Place, Chicago, Ill.	United States Rubber Company, 1790
Mathieson Alkali Works (Inc.), The, 60	Broadway, New York City. [U.S.
East 42nd St., New York City.	Waterboy]
Alum	Angle Type Drains. See Drains, angle type
Everson Manufacturing Company, 214	main and scum gutter
West Huron St., Chicago, Ill.	Angle Type Outlets. See Outlets, angle type
Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.	main and scum gutter
International Filter Company, 325 West	ANHYDROUS AMMONIA. See Ammonia, anhy-
25th Place, Chicago, Ill.	drous
-ammonia	Animals, Water
Everson Manufacturing Company, 214	American Playground Device Company,
West Huron St., Chicago, Ill.	Anderson, Ind. Playground Equipment Company, The, 82
International Filter Company, 325 West	Duane St., New York City.
25th Place, Chicago, Ill. —potash	Animals, Water, Rubber
Everson Manufacturing Company, 214	United States Rubber Company, 1790
West Huron St., Chicago, Ill.	Broadway, New York City. [U.S.
International Filter Company, 325 West	Broadway, New York City. [U.S. Howland Commander; U.S. Howland
25th Place, Chicago, Ill.	Ensign; U.S. Howland Middie]
ALUMINUM CHECKS	—bunnies
Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.	United States Rubber Company, 1790 Broadway, New York City.
Lincom St., Chicago, III.	proadway, New Tork City.

---burros United States Rubber Company, Broadway, New York City. Waterboy Burro] [U.S.

States Rubber Company, 1790 United Broadway, New York City.

-donkeys

-dachshunds

United States Rubber Company, Broadway, New York City. Waterboy Donkey Doodle] 1790 [U.S.

–ducks nited States Rubber Company, 1790 Broadway, New York City. [U.S. Waterboy Quack; U.S. Waterboy Quack-United Quack]

-frogs States Rubber Company, 1790 United Broadway, New York City.

-horses

nited States Rubber Company, Broadway, New York City. Waterboy Dobbin] 1790 United

-pelicans

United States Rubber Company, 1790 Broadway, New York City. [U.S. Waterboy Pelican]

---seals United States Rubber Company, 1790 Broadway, New York City.

-swans

United States Rubber Company, Broadway, New York City. Waterboy Lily] IU.S.

Animals, Water, Steel

Giant Manufacturing Company, Council Bluffs, Iowa.

elephants

Giant Manufacturing Company, Council Bluffs, Iowa.

ANKLE BANDS, ELASTIC. See Elastic Bands for Keys and Tags

ANKLETS, ELASTIC

American Playground Device Company, Anderson, Ind.

Fitsrite Products Company, 43-47 West 23rd St., New York City.

Antiseptic Cleaning Compounds. See Chemicals, sterilizing floors, lockers, and surroundings; Deodorants; Disinfectants

ANTISEPTIC FOOT BATH TRAYS. See Foot Baths AQUA AMMONIA. See Ammonia, aqua

AQUAPLANES

American Playground Device Company, Anderson, Ind.

Playground Equipment Company, The, 82 Duane St., New York City.

ASPHALT SEALING PAINT. See Paint, asphalt sealing

ATOR. See Resuscitator, Inhalator and Aspirator, Combination ASPIRATOR.

ATHLETE'S FOOT PREVENTIVES

American Playground Device Company, Anderson, Ind.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The,

Springfield, O. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. [H T H]

Wallace & Tiernan Company, Inc., Newark, N.J.

ATHLETIC SUPPORTERS. See Swim Supporters

AWARDS, MEDALS, AND TROPHIES
See also Charms; Emblems; Jewelry, Swimming; Loving Cups; Pins, Award; Plaques; Prizes
Balfour Company, L. G., Attleboro, Mass. Cups; Pins,

BABIES' SWIM SUITS. See Suits, Swim, babies' BACKWATER VALVES. See Valves, backwater

Balls, Water See also Polo Balls

American Playground Device Company, Anderson, Ind.

United States Rubber Company, 1790 Broadway, New York City.

See Buoys, Depth-BALSA WOOD BUOYS. Marker and Mooring, balsa wood; Life Preservers, balsa wood

BALSA WOOD FLOATS. See Floats, balsa wood BALSA WOOD FLUTTER BOARDS. See Flutter Boards, balsa wood

BALSA WOOD SURF BOARDS. See Surf Boards, balsa wood

BASKET RACKS. See Racks, Basket

Baskets

See also Metal Baskets; Steel Baskets, Galvanized; Wire Baskets

American Playground Device Company. Anderson, Ind.

Playground Equipment Company, The, 82 Duane St., New York City.

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

-clothes checking

Playground Equipment Company, The, 82 Duane St., New York City. Vogel-Peterson Company, Inc., 1801 North

Lincoln St., Chicago, Ill.

-hangar

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

—locker

American Playground Device Company, Anderson, Ind. Vogel-Peterson Company, Inc., 1801 North

Lincoln St., Chicago, III.

BATHHOUSE CHECKING SYSTEMS. See Checking Systems, Bathhouse

BATHING CAPS. See Caps, Swim

BATHING SUITS. See Suits, Swim

BEACH CHAIRS. See Chairs, beach

BEACH FURNITURE. See Furniture, Pool and Beach

BEACH MATS. See Mats, beach

BEACH MATTRESSES. See Mattresses, Rubber

BEACH SHOES. See Sandals and Shoes, beach; Sandals and Shoes, wooden sole, beach

BEACH UMBRELLAS. See Umbrellas, Beach and Life Guard

Beach Wear Bradley Knitting Company, Delavan, Wis. Broderick Company, Tom, 1725 South Grand Boulevard, Glendale, Calif. South ' United States Rubber Company, 1790 Broadway, New York City. BEAT BOARDS. See Flutter Boards BELTS, SWIMMING American Playground Device Company, Anderson, Ind.
Playground Equipment Company, The, 82
Duane St., New York City. BENCHES AND SEATS See also Bleachers; Settees American Playground Device Company, Anderson, Ind. Everwear Manufacturing Company, The, Springfield, O. Playground Equipment Company, The, 82 Duane St., New York City. —locker room American Playground Device Company, Anderson, Ind. Everwear Manufacturing Company, The, Springfield, O. Playground Equipment Company, The, 82 Duane St., New York City. BLEACHER SEATS. See Bleachers BLEACHERS American Playground Device Company, Anderson, Ind. Giant Manufacturing Company, Council Bluffs, Iowa. Playground Equipment Company, The, 82 Duane St., New York City. -knock-down Playground Equipment Company, The, 82 Duane St., New York City. Giant Manufacturing Company, Council Bluffs, Iowa. BLEACHES, LAUNDRY Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. Mathieson Alkali Works (Inc.), The, 60 East 42nd [H T H] St., York City. New Wallace & Tiernan Company, Inc., Newark, N.J. BLOCKS, DEODORIZING. See Deodorants BOARDS, BEAT. See Flutter Boards BOARDS, DIVING. See Diving Boards, Towers, and Equipment, boards; Diving Boards, Towers, and Equipment, multiple boards and stands BOARDS, FLUTTER. See Flutter Boards BOARDS, PADDLE. See Flutter Boards BOARDS, SURF. See Surf Boards BOAT AND MOTOR ACCESSORIES Evinrude Motors, Milwaukee, Wis. BOAT MOTORS See also Canoe Motors; Outboard Motors; Speed Boat Motors; Waterboy Pumps

Evinrude Motors, Milwaukee, Wis.

BOATS, RUBBER United States Rubber Company, Broadway, New York City. TU.S. Waterboy] BORDERS, TILE American-Franklin-Olean Tiles, Inc., Lansdale, Pa. Sparta Ceramic Company, The, Sparta, O. Boys' Swim Suits. See Suits, Swim, boys'; Suits, Swim, trunks for men and boys Brass Checks American Playground Device Company, Anderson, Ind. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill. Bricks, Diving. See Diving Bricks Bromthymol Blue Solution. See Testing Sets BROOMS Certified Products Company, Inc., South 22nd St., Birmingham, Ala. BRUSHES American Playground Device Company, Anderson, Ind. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, West Huron St., Chicago, Ill. Hillyard Sales Company, St. Joseph, Mo. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. pool floor and wall Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. -scrubbing ertified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Certified Hillyard Sales Company, St. Joseph, Mo. vacuum cleaner American Playground Device Company, Anderson, Ind. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind.

BUNNIES. See Animals, Water, Rubber, bunnies

BUOYS, DEPTH-MARKER AND MOORING

American Playground Device Company, Anderson, Ind.

Giant Manufacturing Company, Council Bluffs, Iowa

Playground Equipment Company, The, 82 Duane St., New York City.

-balsa wood

American Playground Device Company, Anderson, Ind.

Buoys, Life. See Life Preservers; Life Preservers, balsa wood

BURNERS, RUBBISH. See Incinerators

Burros. See Animals, Water, Rubber, burros

Hillyard Sales Company, St. Joseph, Mo. Hobart Cabinet Company, Troy, O.

-leakproof

Hobart Cabinet Company, Troy, O.

paper towel

Hillyard Sales Company, St. Joseph, Mo. —shower room

Hobart Cabinet Company, Troy, O.

storage

Hobart Cabinet Company, Troy, O.

toilet paper

Hillyard Sales Company, St. Joseph, Mo.

CAKE SOAP. See Soap, cake

CALCIUM HYPOCHLORITE

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. [H T H]

Wallace & Tiernan Company, Inc., Newark, N.J.

CANOE MOTORS

Evinrude Motors, Milwaukee, Wis.

CAPS, SWIM

United States Rubber Company, 1790 Broadway, New York. City.

-children's

Company, States Rubber United Broadway, New York City. [U.S. Swim Caps]

-chin strap models
United States Rubber Company, 1790
Broadway, New York City. [U.S. Howland; U.S. Molded; U.S. Velvetex; U.S. Latex; U.S. Krepe-Tex] -diving

United States Rubber Company, 1790 Broadway, New York City. [U.S. Krepe-Tex; U.S. Pure Gum Diver; U.S. Swim Caps]

United States Rubber Company, 1790 Broadway, New York City. [U.S. Flat Diver]

gum United States Rubber Company, Broadway, New York City. [U.S. Pure Gum Swim Caps]

-Krepe-Tex

United States Rubber Company, 1790 Broadway, New York City. Krepe-Tex Swim Caps] [U.S.

-men's

States Rubber Company, United 1790 Broadway, New York City. [U.S. Swim Caps

-molded

States Rubber Company, United 1790 Broadway, New York City. [U.S. Swim

-shower

States Rubber Company, 1790 United Broadway, New York City. Latex]

-strapless

United States Rubber Company, 1790
Broadway, New York City. [U.S. Howland; U.S. Swim Caps; U.S. Krepe-Tex Swim Caps; U.S. Molded; U.S. Velvetex; U.S. Latex; U.S. Pure Gum Swim Caps]

—tank

United States Rubber Company, 1790 Broadway, New York City. [U.S. Pure Gum Swim Caps; U.S. Swim Caps]

-tank, shallow

nited States Rubber Company, 1790 Broadway, New York City. [U.S. Pure United Gum Swim Caps; U.S. Swim Caps]

CATCHERS, HAIR AND LINT, GREASE AND OIL. See Interceptors

CAT'S HEAD RINGS. See Rings, Rubber, cat's head

CEMENT PAINT. See Paint, cement

CEMENT SEALS. See Seals, Cement

CENTRIFUGAL PUMPS. See Pumps, centrifugal CERAMIC MOSAIC

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, Sparta, O.

CHAIRS

American Playground Device Company, Anderson, Ind.

Playground Equipment Company, The, 82 Duane St., New York City.

---beach

American Playground Device Company,

Anderson, Ind. Playground Equipment Company, The, 82 Duane St., New York City.

-life guard. See Life Guard Chairs and Watch Towers

CHARMS

Balfour Company, L. G., Attleboro, Mass.

CHECKING SYSTEMS, BATHHOUSE

See also Aluminum Checks; Brass Checks; Checks, Identification; Checks for Valuables and Keys; Clothes Checking Systems; Elastic Bands for Keys and Tags; Identification Checks, Pins, and Tags; Metal Checks; Pins, Identification; Tags, Identification

CHECKING SYSTEMS, BATHHOUSE—Continued Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

CHECKS, IDENTIFICATION

American Playground Device Company, Anderson, Ind.

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

CHECKS, LOCKER. See Locker Checks

CHECKS FOR VALUABLES AND KEYS

American Playground Device Company, Anderson, Ind.

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

CHEMICAL CONTROL EQUIPMENT. See Ammoniators; Chemical Feeders; Chlorinators; Coagulant Feeders; Hydrogen Ion (pH) Control Equipment; Hypochlorite Feeders; Testing Sets

CHEMICAL FEEDERS

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Manufacturing Company, Everson

West Huron St., Chicago, Ill.

Hygeia Filter Company, 3422-3440 Denton
Ave., Detroit, Mich.

International Filter Company, 325 West

25th Place, Chicago, Ill. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. Wallace & Tiernan Company, Inc., Newark, N.I.

CHEMICALS

See also under specific chemicals, such as Ammonia; Calcium Hypochlorite;

Chlorine; etc.
American Playground Device Company, Anderson, Ind.

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City. Everson Manufacturing Company, West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The,

Springfield, O.

Hillyard Sales Company, St. Joseph, Mo. International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

Wallace & Tiernan Company, Inc., Newark, N.J.

—filtration American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Certified Products Company, Inc., South 22nd St., Birmingham, Ala.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60
East 42nd St., New York City.

Wallace & Tiernan Company, Inc., Newark, N.J.

-foot bath

American Playground Device Company,

Anderson, Ind.

Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, Springfield, O.

Hillyard Sales Company, St. Joseph, Mo. International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

Wallace & Tiernan Company, Inc., Newark,

N.J.

sterilizing floors, lockers, and surroundings Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.

Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City.

Everson Manufacturing Company, 214

West Huron St., Chicago, Ill.

Hillyard Sales Company, St. Joseph, Mo. International Filter Company, 325 West

25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

Sterilizing pool water
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.

Certified Products Company, Inc., South 22nd St., Birmingham, Ala.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O. International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. Wallace & Tiernan Company, Inc., Newark,

-sterilizing suits and towels Certified Products Company, Inc., 500 South 22d St., Birmingham, Ala.

Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Everson Manufacturing Company, 214

West Huron St., Chicago, Ill. International Filter Company, 325 West

25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

CHILDREN'S SWIM CAPS. See Caps, Swim, children's

CHILDREN'S SWIM SUITS. See Suits, Swim, children's

CHIN STRAP MODEL CAPS. See Caps, Swim, chin strap models

CHLORIDE OF LIME

Manufacturing Company, 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

CHLORIMETERS

See also Testing Sets

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

CHLORINATORS

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif. [Chemco]

Manufacturing Company, 214 West Huron St., Chicago, Ill.

Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West

25th Place, Chicago, Ill.

Lakeside Engineering Corporation,

West Adams St., Chicago, Ill. Wallace & Tiernan Company, Inc., Newark, N.J.

-electric

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Wallace & Tiernan Company, Inc., Newark, N.J.

gas

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing

Company, West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. Wallace & Tiernan Company, Inc., Newark,

N.J.

-solution

Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.

CHLORINE

Everson Manufacturing Company, West Huron St., Chicago, Ill.

Hillyard Sales Company, St. Joseph, Mo. International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

Wallace & Tiernan Company, Inc., Newark, N.J.

-gas

Everson Manufacturing Company. 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City.

Wallace & Tiernan Company, Inc., Newark, N.J.

powder

International Filter Company, 325 West 25th Place, Chicago, Ill.

Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New [H T H]

Wallace & Tiernan Company, Inc., Newark, N.J.

-solution

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Hillyard Sales Company, St. Joseph, Mo. Wallace & Tiernan Company, Inc., Newark, N.J.

CHLORINE CONTENT TESTER. See Testing Sets CHLORINE FEEDERS. See Chlorinators; Hypochlorite Feeders

FILTERS. CHLORINE-REMOVAL See Filters, chlorine-removal

CHUTES. See Slides

CIRCULATION SYSTEMS, POOL WATER. See Recirculating Plants, Pool Water (Com-

TILE DECORATIVE BORDERS, LINERS, PANELS, SIGNS, STRIPS. See Tile, clay decorative borders, liners, panels, signs, strips

CLEANERS, SUCTION OR VACUUM. See Vacuum Cleaners

CLEANING SUPPLIES

-antiseptic compounds. See Deodorants; Disinfectants; Scrubbing Compounds and Powders; Urinal Cakes

-brushes. See Scrubbing Brushes

-chemicals. See Chemicals, sterilizing floors, lockers, and surroundings; Chemicals, sterilizing suits and towels; Deodorants; Disinfectants; Scrubbing Compounds and Powders; Sprays, Deodorizing; Urinal Cakes

-compounds. See Scrubbing Compounds and Powders

deodorants. See Deodorants

-disinfectants. See Disinfectants

-floors. See Floor Cleansers, Preservers, and Renewers

-glass. See Glass Cleanser

-machines. See Polishing Machines; Scrubbing Machines

-marble. See Marble Cleanser

-metal cleansers and polish. See Metal Cleansers and Polish

-mopping buckets and wringers. See Mop-

ping Buckets and Wringers

—rust removers. See Rust Removers

—scrubbing powders. See Scrubbing Compounds and Powders

squeegees. See Pick Up Pan and Squeegee; Squeegees

—tile. See Tile Cleanser

—wax. See Wax

CLOTH-TOP SANDALS. See Sandals and Shoes, cloth-top

CLOTHES CHECKING BASKETS. See Baskets, clothes checking

CLOTHES CHECKING SYSTEMS

See also Baskets; Checking Systems, Bathhouse; Locker Checks; Shelving Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill. CLOWN'S HEAD RINGS. See Rings, Rubber,

clown's head

COAGULANT FEEDERS

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.

Everson Manufacturing Company,

West Huron St., Chicago, Ill.
Hygeia Filter Company, 3422-3440 Denton
Ave., Detroit, Mich.
International Filter Company, 325 West

25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

Recreation Equipment Company, West 8th St., Anderson, Ind.

Wallace & Tiernan Company, Inc., Newark, N.J.

COAGULANTS

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

COAT RACKS. See Racks, Coat

See Enamel Coatings; Finishes; Roof Coating

Cocoa Doormats. See Doormats, Cocoa

COCOA MATTING FOR DIVING BOARDS. See Diving Boards, Towers, and Equipment, covering for boards

COLOR DISCS AND STANDARDS (pH AND CHLO-RINE). See Testing Sets

COLOR-REMOVAL FILTERS. See Filters, colorremoval

COLORED TILE. See Tile

COMMERCIAL LIGHTING OF OFFICES AND HALLS Benjamin Electric Manufacturing Company, Des Plaines, Ill.

Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O. [Magna-lux; Silvurn; T.I.; G.B.; M.B.]

COMPULSORY LANE DRAINS. See Drains, compulsory lane

CONCRETE SWIMMING POOL PAINT. See . Paint, concrete swimming pool

CONNECTIONS, PIPE . American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

CONNECTIONS, VACUUM CLEANER. See Vacuum Cleaner Units, connections only

CONTRACTORS, POOL Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

CONTROL VALVES. See Valves, check; Valves, filter control; Valves, hydraulic single control for filters

CONTROL VALVES, TRI-FILTER. See Valves, trifilter control

COOLERS, DRINKING WATER

Everson Manufacturing Company, West Huron St., Chicago, Ill.

COPPER COMPOUND

Recreation Equipment Company, West 8th St., Anderson, Ind. [C-34]

COPPER SULPHATE

Everson Manufacturing Company, West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

CORK LANE MARKERS. See Lane Markers, cork COTTON SWIM SUITS. See Suits, Swim, cotton Counters, Bathhouse

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

COUNTERS, STEEL

Hobart Cabinet Company, Troy, O. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

COVERING

-diving board. See Diving Boards, Towers, and Equipment, covering for boards
—floor. See Floor Covering

-non-slip. See Floor Covering, non-slip -non-slip rubber. See Floor Covering, nonslip rubber

-non-slip sponge rubber for walkways. See Floor Covering, non-slip sponge rubber for walkways

-roof. See Roof Coating

-springboards. See Diving Boards, Towers, and Equipment, covering for boards

CROOKS, SHEPHERD'S. See Rescue Poles

CUPS, LOVING. See Loving Cups

CYCLE-STORAGE EQUIPMENT American Playground Device Company, Anderson, Ind.

DACHSHUNDS. See Animals, Water, Rubber, dachshunds

DECORATIVE TILE. See Tile, decorative

DEEP-WELL PUMPS. See Pumps, deep-well

DEEP-WELL TURBINES. See Turbines, deepwell

DEODORANTS

See also Sprays, Deodorizing; Urinal

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City Manufacturing Company, Everson

West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

Springfield, O. Hillyard Sales Company, St. Joseph, Mo.

Mathieson Alkali Works (Inc.), The, 60 East 42nd [H T H] St., New York City.

DEPTH-MARKER BUOYS. See Buoys, Depth-Marker and Mooring

DESIGNERS, POOL

See also Engineering Consultants, Pool and Beach; Engineers

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Recommends to architects, contractors and plumbers exact type, size and location for drainage and circulation items.]

Desks, Bathhouse

Hobart Cabinet Company, Troy, O.

DISINFECTANTS

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton

Building, 246 Front St., New York City. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The,

Springfield, O.

Hillyard Sales Company, St. Joseph, Mo. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. East 42nd [H T H]

DISPENSERS, SOAP. See Soap Dispensers

DIVING BOARDS, TOWERS, AND EQUIPMENT American Playground Device Company,

Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Lakeside Engineering Corporation, West Adams St., Chicago, Ill.

Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. United States Rubber Comp Company, Broadway, New York City.

-boards

American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill. Playground Equipment Company, The, 82 Duane St., New York City.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

covering for boards

American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West

Huron St., Chicago, Ill. Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. -fulcrums

Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind.

fulcrums, adjustable Chemical Equipment Company, 223 Center St., Los Angeles, Calif. verson Manufacturing

Everson Company, 214 West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Ia. -multiple boards and stands

American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Manufacturing Company, 214 Everson West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

Playground Equipment Company, The, 82 Duane St., New York City.

Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.

rubber matting United Rubber Company, 1790 States Broadway, New York City.

-stands American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82 Duane St., New York City.

DIVING BOARDS—Continued
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
—towers. See Diving Boards, Towers, and Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East Equipment, stands 11th St., Cleveland, O. DIVING BRICKS -footbath (inlet, outlet, and overflow) Everson Manufacturing Company, American Playground Device Company, Anderson, Ind. West Huron St., Chicago, Ill. International Filter Company, 325 West Everson Manufacturing Company, West Huron St., Chicago, III. 25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O. Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. grating for floor trenches Everson Manufacturing Company, DIVING CAPS. See Caps, Swim, diving West Huron St., Chicago, Ill. DIVING FLOATS. See Floats, diving gutter Everson DIVING MASKS. See Masks, Diving Manufacturing Company, 214 West Huron St., Chiago, Ill. Dome Sprays. See Sprays, Water, dome Hygeia Filter Company, 3422-3440 Denton Domes, Shower and Spray Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East
11th St., Cleveland, O. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. wading pool Josam Manufacturing Company. 1783 East 11th St., Cleveland, O. -laundry Donkeys. See Animals, Water, Rubber, don-Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.—low velocity outlet keys DOORMATS, COCOA Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. American Playground Device Company, Anderson, Ind. Chemical Equipment Company, 223 Center -main outlet St., Los Angeles, Calif. Manufacturing Company, Everson West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Hillyard Sales Company, St. Joseph, Mo. DRAIN SOLVENT Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Hillyard Sales Company, St. Joseph, Mo. DRAINS See also Outlets multiple unit Chemical Equipment Company, 223 Center St., Los Angeles, Calif. International Filter Company, 325 West 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East Manufacturing Company, Everson West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton 11th St., Cleveland, O. Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East overflow Manufacturing Company, Everson West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. 11th St., Cleveland, O. angle type main and scum gutter International Filter Company, 325 West 25th Place, Chicago, Ill. Everson Manufacturing Com-West Huron St., Chicago, Ill. 214 Company, Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.

International Filter Company, 325 West
25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

-compulsory lane (inlet, outlet, and over--promenade. See Drains, walkway -roof Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -scum gutter Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. -drinking fountain International Filter Company, 325 West Everson Manufacturing Company, 25th Place, Chicago, Ill. West Huron St., Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -shower -floor

Manufacturing Company,

West Huron St., Chicago, Ill.

Everson

214

Josam Manufacturing Company, 1783 East

11th St., Cleveland, O.

214

-side wall main

Manufacturing Company,

Everson

electric

ELECTRICAL FIXTURES

See also Commercial Lighting, Offices and Halls; Floodlights; Industrial Lighting, Pools and Locker Rooms; Lighting Equipment

pany, Des Plaines, Ill. Chemical Equipment Company, 223 Center West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton St., Los Angeles, Calif. Ave., Detroit, Mich. Everson Manufacturing Company, International Filter Company, 325 West West Huron St., Chicago, Ill. 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -trench Everson Manufacturing Company, 214 ELEPHANTS. West Huron St., Chicago, Ill. elephants -trough EMBLEMS Everson Manufacturing Company, West Huron St., Chicago, III.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O. -urinal Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -vent stack sleeves Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. walkway St., Los Angeles, Calif. Everson Manufacturing Manufacturing Company, 214 Everson West Huron St., Chicago, III.
International Filter Company, 325 West
25th Place, Chicago, III. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. 25th Place, Chicago, Ill. -wall. See Drains, side wall main -washroom Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. age and circulation items.] DRINKING FOUNTAIN DRAINS. See Drains, Engineers drinking fountain CHEMICAL FEEDERS. See Chemical Feeders DRYERS, HAIR AND HAND Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. [Marvel St., Los Angeles, Calif. Expansion Joints Super Dryer] Ducks. See Animals, Water, Rubber, ducks EAR STOPPLES Fitsrite Products Company, 43-47 West 23rd St., New York City. FEEDERS, CHEMICAL. EARDRUM PROTECTORS, AUDIPHONE Fitsrite Products Company, 43-47 West 23rd St., New York City. FENCE GATES. See Gates, Fence EJECTOR INLETS. See Inlets, ejector FENCE POSTS. See Posts, Fence EJECTOR OUTLETS. See Outlets, ejector FENCES ELASTIC ANKLETS. See Anklets, Elastic ELASTIC BANDS FOR KEYS AND TAGS (ANKLE, NECK, WRIST) Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill. FILING EQUIPMENT ELASTIC KNEE CAPS. See Knee Caps, elastic ELASTIC WRIST SUPPORTERS. See Wrist Supporters, elastic ELECTRIC CHLORINATORS. See Chlorinators,

West Adams St., Chicago, Ill.
Westinghouse Electric & Manufacturing
Company, (Lighting Division), 1216 West 58th St., Cleveland, O. See Animals, Water, Steel, Balfour Company, L. G., Attleboro, Mass. ENAMEL COATING (WATERPROOF, MILDEW-RESISTING, NON-BLEEDING) Inertol Company, Inc., 401 Broadway, New York City. [Ramuc; Incolite] Engineering Consultants, Pool and Beach See also Designers, Pool; Engineers American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center Company, 214 West Huron St., Chicago, Ill. International Filter Company, 325 West Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Recommends to architects, contractors, and plumbers exact type, size and location for drain-See also Designers; Engineering Consultants, Pool and Beach American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, Eng. FAIENCE, GLAZED. See Glazed Faience See Ammoniators; Chemical Feeders; Chlorinators; Coagulant Feeders; Hypochlorite Feeders See also Gates, Fence; Posts, Fence American Playground Device Company, Anderson, Ind.
Anchor Post Fence Company, Eastern Ave.
and Kane St., Baltimore, Md. Hobart Cabinet Company, Troy, O. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill. FILLER TANK PAINT. See Paint, filler tank FILLERS, JOINT. See Joint Fillers FILTER CONTROL VALVES. See Valves, filter control; Valves, hydraulic single control for filters; Valves, tri-filter control

FILTER GRAVEL. See Filter Refills

Benjamin Electric Manufacturing Com-

FILTER REFILLS International Filter Company, 325 West American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 Bacharach & Company, E. W., 800 Rialto West Adams St., Chicago, Ill. Building, Kansas City, Mo.
Everson Manufacturing Company, gravity North 4th St., Philadelphia, Pa.
Bacharach & Company, E. W., 800 Rialto
Building, Kansas City, Mo.
Chemical Equipment Company, 223 Center
St., Los Angeles, Calif. West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 Everson Manufacturing Company, West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. West Adams St., Chicago, Ill. FILTER SAND American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto International Filter Company, 325 West 25th Place, Chicago, Ill. Building, Kansas City, Mo. Everson Manufacturing Company, Lakeside Engineering Corporation, West Adams St., Chicago, Ill. 214 West Huron St., Chicago, Ill. International Filter Company, 325 West -iron removal American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bacharach & Company, E. W., 800 Rialto
Building, Kansas City, Mo.
Everson Manufacturing Company, 214 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. FILTERING PLANTS, COMPLETE American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Chemical Equipment Company, 223 Center West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company, West Adams St., Chicago, Ill. odor-removal American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto West Huron St., Chicago, Ill. International Filter Company, 325
25th Place, Chicago, Ill. [Infilco] Batharden & Company, 2. 11, 500 Building, Kansas City, Mo.
Everson Manufacturing Company, 214
West Huron St., Chicago, Ill.
Hygeia Filter Company, 3422-3440 Denton Lakeside Engineering Corporation, West Adams St., Chicago, Ill. Wallace & Tiernan Company, Inc., Newark, N.J. Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 FILTERS American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto West Adams St., Chicago, Ill. Building, Kansas City, Mo. Chemical Equipment Company, 223 Center pressure American Water Softener Company, 2670 St., Los Angeles, Calif. North 4th St., Philadelphia, Pa. Everson Manufacturing Company, West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Chemical Equipment Company, 223 Center Ave., Detroit, Mich. St., Los Angeles, Calif. International Filter Company, 325 West Manufacturing Company, 214 Everson 25th Place, Chicago, Ill. [Infilco] West Huron St., Chicago, Ill. Lakeside Engineering Corporation, Hygeia Filter Company, 3422-3440 Denton West Adams St., Chicago, Ill. Ave., Detroit, Mich. chlorine-removal Hygeia Filter Company, 3422-3440 Denton International Filter Company, 325 West 25th Place, Chicago, Ill. Ave., Detroit, Mich. International Filter Company, 325 West Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. 25th Place, Chicago, Ill. -taste-removal —color-removal American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Everson Manufacturing Company, 214 Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. West Huron St., Chicago, Ill.

Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.

Hygeia Filter Company, 3422-3440 Denton

Ave., Detroit, Mich.

International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. See Chemicals, fil-FILTRATION CHEMICALS.

tration

FINISHES

See also Enamel Coatings; Paint Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. Hillyard Sales Company, St. Joseph, Mo. Inertol Company, Inc., 401 Broadway, New York City.

-frostproof

Hillyard Sales Company, St. Joseph, Mo. Inertol Company, Inc., 401 Broadway, New York City. [Ramuc]

-tile-like

Inertol Company, Inc., 401 Broadway, New York City. [Ramuc]

-waterproof

Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York

City. [Lustra Bar Oil]
Hillyard Sales Company, St. Joseph, Mo.
Inertol Company, Inc., 401 Broadway, New
York City. [Ramuc]

FIRST AID KITS FOR POOL AND BEACH Hillyard Sales Company, St. Joseph, Mo.

FISH RINGS. See Rings, Rubber, fish

FITTINGS, FOOT BATH (INLETS, OUTLETS, OVER-FLOW)

Manufacturing Company, 214 Everson West Huron St., Chicago, Ill.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

FITTINGS, POOL

See also Fittings, Foot Bath; Fittings, Vacuum Cleaner; and under specific items such as Drains; Inlets; Outlets;

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.

Company, 214 Manufacturing Everson West Huron St., Chicago, Ill.

Hygeia Filter Company, 3422-3440 Denton

Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

Playground Equipment Company, The, 82

Duane St., New York City. ecreation Equipment Company, 724-28 Recreation West 8th St., Anderson, Ind.

garden pool American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill.
Hygeia Filter Company, 3422-3440 Denton
Ave., Detroit, Mich.
International Filter Company, 325 West

25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

ornamental

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

FITTINGS, VACUUM CLEANER
See also Vacuum Cleaner Units
American Playground Device Company, Anderson, Ind.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton

Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.
Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill.

Recreation Equipment Company, West 8th St., Anderson, Ind.

FIXTURES, ELECTRICAL. See Electrical Fixtures FLAGPOLES

American Playground Device Company, Anderson, Ind.

Everwear Manufacturing Company, The. Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

FLAT SWIM CAPS. See Caps, Swim, flat

FLOATS

See also Buoys, Depth-Marker and Mooring American Playground Device Company,

Anderson, Ind.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, West Huron St, Chicago, Ill.

Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

-balsa wood

American Playground Device Company,

Anderson, Ind. Playground Equipment Company, The, 82 Duane St., New York City.

-diving

American Playground Device Company, Anderson, Ind.

Everson Manufacturing Company, West Huron St., Chicago, Ill.

Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

See Hose, Vacuum Cleaner, floats -hose. for

-life line. See Life Lines

FLOODLIGHTS

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton See also Lighting Equipment
American Playground Device Company, Anderson, Ind. Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Benjamin Electric Manufacturing Company, Des Plaines, III. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill. Everson Manufacturing Wallace & Tiernan Company, Inc., New-Company, 214 ark, N.J. West Huron St., Chicago, Ill. Giant Manufacturing Company, Council Bluffs, Iowa. [Giant Product] Worthington-Gamon Meter Company, Harrison, N.J. Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill.
Westinghouse Electric & Manufacturing FLOW RATE INDICATORS American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton (Lighting Division), West 58th St., Cleveland, O. [Duolux] -underwater Benjamin Electric Manufacturing Com-Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. pany, Des Plaines, Ill. pany, Des Flaines, III.
Chemical Equipment Company, 223 Center
St., Los Angeles, Calif.
Everson Manufacturing Company, 214
West Huron St., Chicago, III.
Lakeside Engineering Corporation, 222 Lakeside Engineering Corporation, West Adams St., Chicago, Ill. Wallace & Tiernan Company, Inc., Newark, N.J. Worthington-Gamon Meter Company, Harrison, N.J. West Adams St., Chicago, Ill.
Westinghouse Electric & Manufacturing
Company (Lighting Division), 1216
West 58th St., Cleveland, O. [Aqualux]
OR BRUSHES, POOL, HYDRAULIC. See FLUTTER BOARDS American Playground Device Company, Anderson, Ind. Brushes, pool floor and wall Manufacturing Company, Everson FLOOR CLEANSERS, PRESERVERS, AND RENEWERS West Huron St., Chicago, Ill. Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. -balsa wood American Playground Device Company, Anderson, Ind. FOOT BATH CHEMICALS. See Chemicals, foot [Shine-Brite] bath Hillyard Sales Company, St. Joseph, Mo. FOOT BATH DRAINS. See Drains, foot bath FLOOR COVERING FOOT BATH FITTINGS. See Fittings, Foot Bath American Playground Device Company, Anderson, Ind. Hillyard Sales Company, St. Joseph, Mo. United States Rubber Company, 1790 American Playground Device Company, Anderson, Ind. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, 214 Broadway, New York City. -non-slip American Playground Device Company, West Huron St., Chicago, Ill. Anderson, Ind. Everwear Manufacturing Company, The, Hillyard Sales Company, St. Joseph, Mo. Springfield, O. —non-slip rubber Hillyard Sales Company, St. Joseph, Mo. Playground Equipment Company, The, 82 American Playground Device Company, Anderson, Ind. Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
United States Rubber Company, 1790 Hillyard Sales Company, St. Joseph, Mo. United States Rubber Company, 1790 Broadway, New York City. -non-slip sponge rubber for walkways
Hillyard Sales Company, St. Joseph, Mo.
FLOOR DRAINS. See Drains, floor Broadway, New York City. -rubber American Playground Device Company, FLOOR PAINT. See Paint, floor Anderson, Ind. FLOOR POLISH. See Polish, Floor, Furniture, Chemical Equipment Company, 223 Center and Woodwork St., Los Angeles, Calif. FLOOR POLISHING MACHINES. See Polishing Company, Everson Manufacturing **Machines** West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, FLOORING, TILE American-Franklin-Olean Tiles, Inc., Lans-Springfield, O. Playground Equipment Comuany, The, 82 dale, Pa. Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
United States Rubber Company, 1790 Ceramic Company, The, East Sparta Sparta, O. FLOW METERS

Broadway, New York City.

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

GRATINGS, DRAIN. See Drains, grating for FOUNTAIN SPOUTS. See Spouts, Fountain floor trenches See Animals, Water, Rubber, frogs; GRAVEL, FILTER. See Filter Refills Rings, Rubber, frog FROSTPROOF FINISHES. See Finishes, frostproof GRAVITY FILTERS. See Filters, gravity FULCRUMS. See Diving Boards, Towers, and INTERCEPTORS. See Interceptors. Equipment, fulcrums; Diving Boards, grease and oil Towers, and Equipment, fulcrums, ad-GREENSAND ZEOLITE justable American Water Softener Company, 2670 FURNITURE, POOL AND BEACH North 4th St., Philadelphia, Pa. International Filter Company, 325 West 25th Place, Chicago, Ill. See also Office Equipment; and under specific items, such as Desks, Bathhouse; Settees; etc.

American Playground Device Company, Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. Anderson, Ind. GRIPS, LADDER AND STAIR Everson Manufacturing Company, 214 American Playground Device Company, West Huron St., Chicago, Ill. Anderson, Ind. Everwear Manufacturing Company, The, Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Springfield, O. FURNITURE PAINT. See Paint, furniture Chemical Equipment Company, 223 Center FURNITURE POLISH. See Polish, Floor, Furni-St., Los Angeles, Calif. verson Manufacturing Company, ture, and Woodwork Everson 214 FURNITURE RENEWER West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, Hillyard Sales Company, St. Joseph, Mo. FUSED ALKALI
Everson Manufacturing Company, 214 Springfield, O. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. [pH-Giant Manufacturing Company, Council Bluffs, Iowa. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Lakeside Engineering Corporation, 222 Plus] Galvanized Steel Baskets. See Steel Bas-West Adams St., Chicago, Ill. kets, Galvanized Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
United States Rubber Company, 1790 GAS CHLORINATORS. See Chlorinators, gas GAS PRESSURE GAUGES. See Pressure Gauges, Broadway, New York City. Gas GATES, FENCE GUM RUBBER SWIM CAPS. See Caps, Swim, Anchor Post Fence Company, Eastern Ave. gum and Kane St., Baltimore, Md. GUTTER DRAINS. See Drains, gutter GUTTERS, SCUM, TILE. See Scum Gutters, Tile American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. HAIR AND HAND DRYERS. See Dryers, Hair Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. International Filter Company, 325 West and Hand HAIR AND LINT CATCHERS. See Interceptors, hair and lint 25th Place, Chicago, Ill. HAND GRIPS FOR LADDERS AND STAIRS. See Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill. Grips, Ladder and Stair Wallace & Tiernan Company, Inc., New-ark, N.J. HANGAR BASKETS. See Baskets, hangar HAT RACKS. See Racks, Hat Worthington-Gamon Meter Company, Har-HEATERS, WATER AND BATHHOUSE rison, N.J. See also Heating Systems, Steam American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. GIRDLES, SWIM United States Rubber Company, 1790 Broadway, New York City. [U. S. Manufacturing Company, 214 Everson Multipore] West Huron St., Chicago, Ill. International Filter Company, 325 West GIRLS' SWIM SUITS. See Suits, Swim, girls' 25th Place, Chicago, Ill. GLASS CLEANSER Hillyard Sales Company, St. Joseph, Mo. -steam Everson Manufacturing Company, GLAZED FAIENCE 214 American-Franklin-Olean Tiles, Inc., Lans-West Huron St., Chicago, Ill. dale, Pa. HEATING SYSTEMS, STEAM Warren Webster & Company, 17th and Federal Sts., Camden, N.J. Sparta Ceramic Company, The, East Sparta, O. GLAZED TILE HIGH CAPACITY GREENSAND ZEOLITE American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. American-Franklin-Olean Giles, Inc., Lansdale, Pa. Sparta Ceramic Company, The, East International Filter Company, 325 West Sparta, O. 25th Place, Chicago, Ill. GOGGLES, SWIMMING Lakeside Engineering Corporation, 222 Fitsrite Products Company, 43-47 West 23rd St., New York City.

West Adams St., Chicago, Ill.

HOLDERS, ROPE (ON LANE MARKERS)
Josam Manufacturing Company, 1873 East Hypochlorite See also Calcium Hypochlorite; Sodium 11th St., Cleveland, O. Hypochlorite American Playground Device Company, HOLLOWARE. See Awards, Medals, and Tro-Anderson, Ind. phies Everson Manufacturing Company, Horses. See Animals, Water, Rubber, horses West Huron St., Chicago, Ill. International Filter Company, 325 West Hose, Rubber, Water
United States Rubber Cor
Broadway, New York City. Company, 25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 1790 Hose, Vacuum Cleaner American Playground Device Company, East 42nd St., New York City. [НТН] Anderson, Ind. HYPOCHLORITE, CALCIUM. See Calcium Hypo-American Water Softener Company, 2670 chlorite North 4th St., Philadelphia, Pa Hypochlorite, Sodium. See Sodium Hypo-Chemical Equipment Company, 223 Center chlorite St., Los Angeles, Calif. verson Manufacturing Hypochlorite Feeders
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa. Everson Company, 214 West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Bacharach & Company, E. W., 800 Rialto Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill. Building, Kansas City, Mo. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. verson Manufacturing Company, Lakeside Engineering Corporation, Everson West Adams St., Chicago, Ill. West Huron St., Chicago, Ill. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
Wallace & Tiernan Company, Inc., Newfloats for American Playground Device Company, Anderson, Ind. American Water Softener Company, 2670
North 4th St., Philadelphia, Pa. ark, N.J. Hyposulphite of Soda Everson Manufacturing Company, Chemical Equipment Company, 223 Center West Huron St., Chicago, Ill. IDENTIFICATION CHECKS, PINS AND TAGS St., Los Angeles, Calif. Everson Manufacturing Company, 214 See also Aluminum Checks; Brass Checks; Metal Checks American Playground Device Company, West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. Anderson, Ind. International Filter Company, 325 West Vogel-Peterson Company, Inc., 1801 North 25th Place, Chicago, Ill. Lincoln St., Chicago, Ill. Lakeside Engineering Corporation, 222 INCINERATORS West Adams St., Chicago, Ill. Manufacturing Company, 1783 Josam Playground Equipment Company, The, 82 East 11th St., Cleveland, O. Duane St., New York City. INDICATORS American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. Everson Manufacturing Company, 214 HYDRAULIC FLOOR AND WALL BRUSHES, POOL. West Huron St., Chicago, Ill.
International Filter Company, 325 West
25th Place, Chicago, Ill. See Brushes, pool floor and wall HYDROGEN ION (pH) CONTROL EQUIPMENT See also Chemical Feeders; Coagulant Feeders; Hypochlorite Feeders; Re-circulating Plants, Pool Water (Com-plete); Sterilizing Plants, Pool Water Lakeside Engineering Corporation, West Adams St., Chicago, Ill. Wallace & Tiernan Company, Inc., Newark, N.J. (Complete); Testing Sets Worthington-Gamon Meter Company, Har-American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. rison, N.J. INDUSTRIAL LIGHTING, POOLS AND LOCKER Everson Manufacturing Company, 214 Rooms West Huron St., Chicago, Ill. Benjamin Electric Manufacturing Com-International Filter Company, 325 West 25th Place, Chicago, Ill. pany, Des Plaines, Ill. Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O. [Hi-Bay; Millite; R.L.M.] Lakeside Engineering Corporation, West Adams St., Chicago, Ill. Taylor & Company, Inc., W. A., 872 INFLATED ANIMALS AND RINGS. See Animals, Linden Ave, Baltimore, Md.

Wallace & Tiernan Company, Inc., New-ark, N.J.

Water, Rubber; Rings, Rubber

INFLATED MATTRESSES. See Mattresses, Rubber

INHALATOR. See Resuscitator, Inhalator and -hair and lint Aspirator, Combination INLETS American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Com West Huron St., Chicago, Ill. Company, 214 Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill. Manufacturing Company, Josam East 11th St., Cleveland, O. [Josam Ejector] -adjustable flow Everson Manufacturing Company, West Huron St., Chicago, Ill. sediment Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Josam Ejector] —foot bath. See Fittings, Foot Bath -nozzle Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -nozzle, adjustable Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -ornamental Josam Manufacturing Company, 1873 East 11th St., Cleveland, O. -spray American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, removal West Huron St., Chicago, Ill. International Filter Company, 325 West JEWELRY, SWIMMING 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. INSECTICIDES Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo. KNEE CAPS INTERCEPTORS See also Strainers
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bacharach & Company, E. W., 800 Rialto
Building, Kansas City, Mo.
Chemical Equipment Company, 223 Center
St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company, 214
West Huron St. Chicago, III. elastic Knock-Down knock-down Krepe-Tex Krepe-Tex West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich. LADDERS AND STAIRS International Filter Company, 325 West 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. dale, Pa. American Playground Device Company,

grease and oil

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bacharach & Company, E. W., 800
Rialto Building, Kansas City, Mo.
Chemical Equipment Company, 223 Center St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company, 214
West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.
Lakeside Engineering Corporation,
West Adams St., Chicago, Ill. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo. Chemical Equipment Company, 223 Center St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Hygeia Filter Company, 3422-3440 Denton
Ave., Detroit, Mich.

International Filter Company, 325 West
25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

Lakeside Engineering Corporation, 222

West Adams St. Chicago, Ill. West Adams St., Chicago, Ill. See Filters, iron-IRON-REMOVAL FILTERS. JACKETS, WEIGHTED. See Weighted Jackets Balfour Company, L. G., Attleboro, Mass. Jock Straps. See Swim Supporters Inertol Company, Inc., 401 Broadway, New York City. [Inertol Hotmastic] JOINTS, EXPANSION. See Expansion Joints Fitsrite Products Company, 43-47 West 23rd St., New York City. Fitsrite Products Company, 43-47 West 23rd St., New York City. See Bleachers. BLEACHERS. Krepe-Tex Swim Caps. See Caps, Swim, See Suits, Swim, KREPE-TEX SWIM SUITS. LADDER STEPS. See Ladders and Stairs See also Stair Treads, Tile American-Franklin-Olean Tiles, Inc., Lans-

Anderson, Ind.

St., Los Angeles, Calif.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md.

Chemical Equipment Company, 223 Center

Springfield, O.

Kennedy-Prince Lanes, The, Coach Edward T. Kennedy, Columbia University, New LADDERS AND STAIRS—Continued Manufacturing Company, 214 Everson York City West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. Springfield, O. Giant Manufacturing Company, Council Bluffs, Iowa.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill. American-Franklin-Olean Tiles, Inc., Lansdale, Pa. LASTEX SWIM SUITS. See Suits, Swim, Lastex Recreation Equipment Company, 724-28 LAUNDRY BLEACHES. See Bleaches, Laundry West 8th St., Anderson, Ind. LAUNDRY DRAINS. See Drains, laundry -landing LAVATORY EQUIPMENT American Playground Device Company, Hillyard Sales Company, St. Joseph, Mo. Anderson, Ind. LEATHER WRIST SUPPORTERS. See Wrist Sup-Chemical Equipment Company, 223 Center St., Los Angeles, Calif. porters, leather LIFE BUOYS. See Life Preservers Manufacturing Everson Company, West Huron St., Chicago, Ill. LIFE GUARD CHAIRS AND WATCH TOWERS See also Umbrellas, Beach and Life Everwear Manufacturing Company, The, Springfield, O.
Giant Manufacturing Company, Council Guard American Playground Device Company, Bluffs, Iowa. Anderson, Ind. Anchor Post Fence Company, Eastern Ave. Recreation Equipment Company, 724-28 and Kane St., Baltimore, Md. Everson Manufacturing Company, West 8th St., Anderson, Ind. 214 -recessed West Huron St., Chicago, Ill. American-Franklin-Olean Tiles, Inc., Lans-Everwear Manufacturing Company, The, dale, Pa. American Playground Device Company, Springfield, O. Anderson, Ind. Giant Manufacturing Company, Council Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, 214 Bluffs, Iowa. Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, Springfield, O. LIFE GUARD EQUIPMENT Giant Manufacturing Company, Council See also First Aid Kits for Pool and Beach; Life Guard Chairs and Watch Bluffs, Iowa. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. Towers; Life Lines; Life Preservers; Safety Equipment American Playground Device Company, LAKE-BOTTOM SLIDES. See Slides, lake-bottom Anderson, Ind. LANDING LADDERS AND STAIRS. See Ladders Chemical Equipment Company, 223 Center and Stairs, landing St., Los Angeles, Calif. verson Manufacturing LANE MARKERS Everson Company, 214 West Huron St., Chicago, Ill. American-Franklin-Olean Tiles, Inc., Lansdale, Pa. Everson Manufacturing 214 American Playground Device Company, Springfield, O. Giant Manufacturing Company, Council Anderson, Ind.
Everson Manufacturing Company, 214 Bluffs, Iowa. West Huron St., Chicago, Ill. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 Everwear Manufacturing Company, The, Springfield, O. Recreation Equipment Compa West 8th St., Anderson, Ind. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. LIFE LINES Kennedy-Prince Lanes, The, Coach Edward See also Life Preservers T. Kennedy, Columbia University, New American Playground Device Company, York City. Anderson, 1nd. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing Company, 214 Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West Huron St., Chicago, Ill. West 8th St., Anderson, Ind. Everwear Manufacturing Company, The, cork Springfield, O. American Playground Device Company, Anderson, Ind. Giant Manufacturing Company, Council Bluffs, Iowa. Everson Manufacturing Company, 214 Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

West 8th St., Anderson, Ind.

LIFE PRESERVERS

See also Life Lines

American Playground Device Company, Anderson, Ind.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Everson Manufacturing 214

Company, West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

-balsa wood

American Playground Device Company, Anderson, Ind.

LIFE ROPE HOLDERS. See Holders, Rope

LIGHTING EQUIPMENT

See also Commercial Lighting, Offices and Halls; Floodlights; Industrial Lighting, Pools and Locker Rooms Benjamin Electric Manufacturing Com-

pany, Des Plaines, III. Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

Westinghouse Electric & Manufacturing Company, (Lighting Division), 1216 Company, (Lighting Division West 58th St., Cleveland, O.

-buildings

Benjamin Electric Manufacturing Company, Des Plaines, Ill.

Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O. [Magna-lux; Silvurn; T.I.; G.B.; M.B.; Millite; Hi-Bay; R.L.M.]

outdoor Benjamin Electric Manufacturing Company, Des Plaines, Ill.

Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O. [Duolux Floodlights]

-underwater

Benjamin Electric Manufacturing Company, Des Plaines, Ill.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

Lakeside Engineering Corporation, West Adams St., Chicago, Ill.

Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O. [Aqualux]

LIME, CHLORIDE OF. See Chloride of Lime LININGS, POOL

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

clay decorative tile

Sparta Ceramic Company, The. East Sparta, O.

decorative tile

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The. East Sparta, O.

-tile

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

LINT CATCHERS. See Interceptors, hair and lint

LIQUID SOAP. See Soap, liquid

LISLE SWIM SUITS. See Suits, Swim, lisle; Suits, Swim, racing; Suits, Swim, tank LOCKER BASKETS. See Baskets, locker

Locker Checks

American Playground Device Company, Anderson, Ind.

Vogel-Peterson Company, Inc., 1801 North

Lincoln St., Chicago, Ill.

Locker Room Benches and Seats. See
Benches and Seats, locker room

Locker Room Lighting. See Industrial Light-

ing, Pools and Locker Rooms; Lighting Equipment, buildings

LOCKER ROOM SHOES. See Sandals and Shoes, locker room, rubber; Sandals and Shoes, locker room, wood; Sandals and Shoes, wooden sole, shower and locker room

Loss-of-Head Gauges

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

LOUD SPEAKER SYSTEMS. See Reproducing Systems, Sound

LOVING CUPS

Balfour Company, L. G., Attleboro, Mass. LOW VELOCITY DRAIN OUTLETS. See Outlets, low velocity drain

MACHINES, POLISHING AND SCRUBBING. See Polishing Machines; Scrubbing Machines

Machines, Sanitation Drip

Hillyard Sales Company, St. Joseph, Mo. Drains, See Drains, main outlet; Drains, side wall main; Outlets, main Main Drains.

MAINTENANCE SERVICE Chemical Equipment Company, 223 Center St., Los Angeles, Calif.

MANOMETERS

See also Pressure Gauges, Gas

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Manufacturing Company, 214 Everson

West Huron St., Chicago, Ill. International Filter Company, 325 West

25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill. Worthington-Gamon Meter Company, Harrison, N.J.

Vogel-Peterson Company, Inc., 1801 North MARBLE CLEANSER Vogel-Peterson Company, Inc., 1801 North
Lincoln St., Chicago, Ill.

METAL CLEANSERS AND POLISHES
Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.
METAL POLISH. See Metal Cleansers and Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Hillyard Sales Company, St. Joseph, Mo.
MARKERS, LANE. See Lane Markers MASKS, DIVING American Playground Device Company, Anderson, Ind. METAL POLISH.
Polishes Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Recreation Equipment Company, 724-28 METERS, GAUGES, INDICATORS See also Manometers
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bailey & Company, Ltd., Sir W. H., Albion
Works, Oldfield Road, Salford, 5, Lancs, West 8th St., Anderson, Ind. American Playground Device Company, Anderson, Ind. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 Eng. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton West 8th St., Anderson, Ind.
United States Rubber Company, 1790
Broadway, New York City. Ave., Detroit, Mich. International Filter Company, 325 West 25th Place, Chicago, Ill.
Wallace & Tiernan Company, Inc., Newark, N.J. -beach American Playground Device Company, Anderson, Ind.
Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West_8th_St., Anderson, Ind. Worthington-Gamon Meter Company, Harrison, N.J. MILDEW-RESISTING COATINGS. Coatings -door. See Doormats, Cocoa MODERATOR VALVES. See Valves, shower -rubber United States Rubber Company, 1790 MOISTUREPROOF ELECTRICAL FIXTURES. Broadway, New York City. Electrical Fixtures -sponge rubber MOLDED SWIM CAPS. See Caps, Swim, molded Playground Equipment Company, The, 82
Duane St., New York City.

MATTING, Cocoa, FOR DIVING BOARDS. See
Diving Boards, Towers, and Equipment, Mooring Buoys. See Buoys, Depth-Marker and Mooring MOPPING BUCKETS AND WRINGERS Hillyard Sales Company, St. Joseph, Mo. Mosaic, Ceramic. See Ceramic Mosaic covering for boards MATTING, RUBBER, FOR DIVING BOARDS. Mosaic, Tile Diving Boards, Towers, and Equipment, American-Franklin-Olean Tiles, Inc., Lansrubber matting dale, Pa. MATTRESSES, RUBBER (INFLATED) American Playground Device Company, Sparta, O. Anderson, Ind. Chemical Equipment Company, 223 Center tor Accessories St., Los Angeles, Calif. Motors Giant Manufacturing Company, Council Bluffs, Iowa. Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
United States Rubber Company, 1790
Broadway, New York City. [Ho-Hum;
De Luxe; Surf Board] bines See Awards, Medals, and Trophies MEN'S SANDALS AND SHOES. See Sandals and Shoes, men's MEN'S SWIM CAPS. See Caps, Swim, men's MEN'S SWIM SUITS. See Suits, Swim, men's;

Sparta Ceramic Company, The, East MOTOR ACESSORIES (BOAT). See Boat and Mo-See also Pumps; Recirculating Plants, Pool Water (Complete); Sterilizing Plants, Pool Water (Complete); Tur-Cook, Inc., A. D., Lawrenceburg, Ind. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222
West Adams St., Chicago, III. Worthington Pump & Machinery Corporation, Harrison, N.J.

—boat. See Boat Motors

—canoe. See Canoe Motors

—outboard. See Outboard Motors

MULTIPLE DIVING BOARDS AND TOWERS. See Suits, Swim, trunks for men and boys MESH SANDALS AND SHOES. See Sandals and Shoes, mesh with rubber soles METAL BASKETS Diving Boards, Towers, and Equipment, multiple boards and stands
MULTIPLE UNIT DRAINS. See Drains, multiple American Playground Device Company, Anderson, Ind. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill. Music Reproducing Systems. See Repro-METAL CHECKS ducing Systems, Sound American Playground Device Company, NATATORIUM SLIDES. See Slides, natatorium Anderson, Ind.

See Enamel

NECK BANDS, ELASTIC. See Elastic Bands for Keys and Tags NET SANDALS AND SHOES. See Sandals and Shoes, net with rubber soles Non-SLIP FLOOR RUNNERS. See Floor Covering, non-slip Non-Slip Rubber Covering. See Floor Covering, non-slip rubber Non-Slip Sponge Rubber Covering. Floor Covering, non-slip sponge rubber for walkways Non-SLIP TILE American-Franklin-Olean Tiles, Inc., Lansdale, Pa. Sparta Ceramic Company, The, East Sparta, O. Nose Clips Fitsrite Products Company, 43-47 West 23rd St., New York City. Health-O-Swim Nose-Clip Company, 305 Broadway, New York City. Novelties, Rubber American Playground Device Company, Anderson, Ind. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Playground Equipment Company, The, 82 Duane St., New York City. United States Rubber Company, 1790 Broadway, New York City.
Nozzle Inlets. See Inlets, nozzle NUMBERED CHECKS AND PINS. See Aluminum Checks; Brass Checks; Metal Checks; Pins, Identification; Tags, Identification OCEAN WAVE DEVICE. See Waves, Water See Filters, odor-ODOR-REMOVAL FILTERS. removal OFFICE EQUIPMENT See also Cabinets; Desks, Bathhouse; Filing Equipment; Furniture, Pool and Beach Everson Manufacturing Comp West Huron St., Chicago, Ill. Manufacturing Company, 214 Hobart Cabinet Company, Troy, O. OIL INTERCEPTORS. See Interceptors, grease and oil OPERATING TABLES
International Filter Company, 325 West 25th Place, Chicago, Ill.
Ornamental Inlets. See Inlets, ornamental ORNAMENTAL POOL FITTINGS. See Fittings, Pool, ornamental ORTHO TOLIDINE OUTFITS. See Testing Sets ORTHO TOLIDINE SOLUTION. See Testing Sets OUTBOARD MOTORS Evinrude Motors, Milwaukee, Wis. [Elto; Evinrude] OUTDOOR LIGHTS. See Floodlights: Lighting Equipment, outdoor OUTLETS See also Drains Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Manufacturing Company, 214 Everson_ West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill.

Josam Manufacturing Company, 1873 East
11th St., Cleveland, O. [Josam Ejector] -angle type main and scum gutter

Everson Manufacturing Company. West Huron St., Chicago, Ill.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Josam Manufacturing Company, 1783 East
11th St., Cleveland, O. -eiector Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Josam Ejector] -low velocity drain Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -main Everson Manufacturing Company, West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. overflow Everson Manufacturing Company, West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. See Vacuum Cleaner -vacuum cleaner. Units OVERFLOW DRAINS. See Drains, overflow Overflow Outlets. See Outlets, overflow OVERSHOE RACKS. See Racks, Overshoe PADDLE BOARDS. See Flutter Boards PAINT Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Hillyard Sales Company, St. Joseph, Mo. Inertol Company, Inc., 401 Broadway, New York City. -asphalt sealing
Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala. Hillyard Sales Company, St. Joseph, Mo. Inertol Company, Inc., 401 Broadway, New York City. [Ramuc Sealer] -cement Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Hillyard Scales Company, St. Joseph, Mo. Inertol Company, Inc., 401 Broadway, New York City. [Ramuc] -concrete swimming pool
Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Chemical Equipment Company, 223 Center St., Los Angeles, Calif. [Aqua-Paint]
Hillyard Sales Company, St. Joseph, Mo.
Inertol Company, Inc., 401 Broadway, New
York City. [Ramuc] -filler tank Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Inertol Company, Inc., 401 Broadway, New York City. [Inertol] -floor Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Hillyard Sales Company, St. Joseph, Mo.

PAINT—Continued Polishing Machines Hillyard Sales Company, St. Joseph, Mo. -floor Inertol Company, Inc., 401 Broadway, New York City. [Ramuc] Polo Balls States Rubber Company, 1790 United Broadway, New York City. -furniture Inertol Company, Inc., 401 Broadway, New POOL FURNITURE. See Furniture, Pool and York City. [Incolite] Beach -steel swimming pool Inertol Company, Inc., 401 Broadway, New York City. [Torex] Portable Bleachers. See Bleachers, portable PORTABLE PUMPS FOR VACUUM CLEANERS. See Pumps, portable for vacuum cleaners -water tank Posts, Fence Inertol Company, Inc., 401 Broadway, New York City. [Inertol] Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. waterproof Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Hillyard Sales Company, St. Joseph, Mo.
Inertol Company, Inc., 401 Broadway, New
York City. [Ramuc] Potash Alum. See Alum, potash Pots. Alum. See Coagulant Feeders POWDERED CHLORINE. See Chlorine, powder POWDERED SOAP. See Soap, powdered Powders, Scrubbing. See Scrubbing Com-PANELS, TILE pounds and Powders American-Franklin-Olean Tiles. Inc., Preservers, Floor. See Floor Cleaners, Pre-Lansdale, Pa. servers and Renewers East Sparta Ceramic Company, The. Sparta, O.
PAPER TOWEL CABINETS. See Cabinets, paper Pressure Filters. See Filters, pressure PRESSURE GAUGES, GAS See also Manometers
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bailey & Company, Ltd., Sir W. H., Albion
Works, Oldfield Road, Salford, 5, Lancs, towel PELICANS. See Animals, Water, Rubber, pelicans PHENOL RED INDICATOR SOLUTION. See Testing Sets Pick Up Pan and Squeegee Eng. Hillyard Sales Company, St. Joseph, Mo. Manufacturing Company, Everson 214 West Huron St., Chicago, Ill. Pins, Award Balfour Company, L. G., Attleboro, Mass. International Filter Company, 325 West PINS, IDENTIFICATION
American Playground Device Company, 25th Place, Chicago, Ill. Worthington-Gamon Meter Company, Har-Anderson, Ind. Vogel-Peterson Company, Inc., 1801 North PRESSURE LINE SHOCK ABSORBERS. See Shock Lincoln St., Chicago, Ill. Absorbers, Piping PIPE CONNECTIONS. See Connections, Pipe Prizes PIPE RAILINGS. See Railings, Pipe Balfour Company, L. G., Attleboro, Mass. PIPE SOLVENT. See Drain Solvent Projectors, Floodlight. See Floodlights PROMENADE DRAINS. See Drains, walkway Balfour Company, L. G., Attleboro, Mass. PLAY SUITS FOR BABIES AND CHILDREN. See Suits, Swim, babies'; Suits, Swim, chil-PROTECTORS, PUMP Chemical Equipment Company, 223 Center St., Los Angeles, Calif. dren's PUMP PROTECTORS. See Protectors, Pump PLAYGROUND EQUIPMENT See also Domes, Shower and Spray American Playground Device Company, Pumps See also Motors; Recirculating Plants, Pool Water (Complete); Sterilizing Plants, Pool Water (Complete); Tur-bines; Waterboy Pumps American Water Softener Company, 2670 Anderson, Ind. Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Everwear Manufacturing Company, The, North 4th St., Philadelphia, Pa.
Bailey & Company, Ltd., Sir W. H., Albion
Works, Oldfield Road, Salford, 5, Springfield, O. Giant Manufacturing Company, Council Bluffs, Iowa. Works, Ol Lancs, Eng. Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. Chemical Equipment Company, 223 Center St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company, United States Rubber Company, 1790 Broadway, New York City., RESCUE. See Rescue Poles West Huron St., Chicago, Ill. Poles, Rescue. International Filter Company, 325 West 25th Place, Chicago, Ill. Polish, Floor, Furniture, and Woodwork See also Metal Cleansers and Polishes
Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo. Corporation, 222 Lakeside Engineering West Adams St., Chicago, Ill. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.
Worthington Pump & Machinery Corporation, Harrison, N.J.

-centrifugal

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs,

Worthington Pump & Machinery Corporation, Harrison, N.J. deep-well

Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs,

Eng. Cook, Inc., A. D., Lawrenceburg, Ind. Worthington Pump & Machinery Corporation, Harrison, N.J.

portable for vacuum cleaners International Filter Company, 325 West 25th Place, Chicago, Ill.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, Eng.

Cook, Inc., A. D., Lawrenceburg, Ind. International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill.
Worthington Pump & Machinery Corporation, Harrison, N.J.

-water-circulating

North 4th St., Philadelphia, Pa.
Bailey & Company, Ltd., Sir W. H., Albion
Works, Oldfield Road, Salford, 5, Lancs,

Cook, Inc., A. D., Lawrenceburg, Ind. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation,

West Adams St., Chicago, Ill. Worthington Pump & Machinery Corporation, Harrison, N.J.

RACING LANE MARKERS. See Lane Markers RACING SUITS. See Suits, Swim, racing; Suits, Swim, silk racing

RACKS, BASKET

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

RACKS, COAT

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

RACKS, HAT

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

RACKS, OVERSHOE

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

RACKS, UMBRELLA

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

Rafts

American Playground Device Company, Anderson, Ind.

United States Rubber Company, 1790 Broadway, New York City.

-rubber

United States Rubber Company, 1790 Broadway, New York City.

RAILINGS, PIPE

American Playground Device Company, Anderson, Ind.

RECESSED LADDERS AND STAIRS. See Ladders and Stairs, recessed

RECIRCULATING PLANTS, POOL WATER (COM-PLETE)

See also Motors; Pumps; Recirculation Ejector and Inlets; Sterilizing Plants, Pool Water (Complete); Turbines
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.
Bacharach & Company, E. W., 800 Rialto
Building, Kansas City, Mo.
Chemical Equipment Company, 223 Center

St., Los Angeles, Calif.
Cook, Inc., A. D., Lawrenceburg, Ind.
Everson Manufacturing Company,

West Huron St., Chicago, Ill. International Filter Company, 325 West

25th Place, Chicago, Ill. [Infilco] Lakeside Engineering Corporation, West Adams St., Chicago, Ill.

Wallace & Tiernan Company, Inc., Newark,

RECIRCULATING PUMPS. See Motors; Pumps; Recirculating Plants, Pool Water (Complete); Turbines

RECIRCULATING EJECTOR AND INLETS Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Josam Ejector and Inlets]

RECREATIONAL EQUIPMENT

See also Domes, Shower and Spray;
Playground Equipment; also under
specific items such as Balls, Water;
Toys, Water; etc.
American Playground Device Company,

Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. verson Manufacturing Company, 214

Everson Manufacturing Com-West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

Springfield, O. Giant Manufacturing Company, Council

Bluffs, Iowa. Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. nited States Rubber Company, 1790 Broadway, New York City. United

REFILLS, FILTER. See Filter Refills

Reflectors. See Floodlights; Lighting Equipment

REMOVERS, RUST. See Rust Removers

RENEWERS, FLOOR AND FURNITURE. ishes; Floor Cleansers, Preservers, and Renewers; Furniture Renewer

REPRODUCING SYSTEMS, SOUND

Giant Manufacturing Company, Council Bluffs, Iowa.

RESCUE POLES

American Playground Device Company, Anderson, Ind.

Rescue Poles—Continued
Everson Manufacturing Company, RUBBER SWIM SUITS. See Suits, Swim, Krepe-Tex; Suits, Swim, rubber; Suits, Swim, 214 West Huron St., Chicago, Ill.
Giant Manufacturing Company, Council trunks for men and boys
RUBBER Toys. See Animals, Water, Rubber; Bluffs, Iowa. Toys, Water Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
RESIDUAL CHLORINE TESTING SET. See Testing RUBBISH BURNERS. See Incinerators RUNNERS, RUBBER, FOR WALKWAYS. See Floor Covering, non-slip sponge rubber for Sets walkways RESPIRATORS. See Resuscitator, Inhalator and Aspirator, Combination
RESUSCITATOR, INHALATOR AND ASPIRATOR, RUNWAYS, TILE American-Franklin-Olean Tiles, Inc., Lans-COMBINATION E & J Company of New York, 101 Park Ave., New York City. Sparta, O. RETAINERS, BEACH SAND Cook, Inc., A. D., Lawrenceburg, Ind. Rust Removers RINGS, RUBBER United States Rubber Company, 17 Broadway, New York City. [U. Swim-Rite; U.S. Peerless; U.S. Ace] IU.S. cat's head United States Rubber Company, Broadway, New York City.
-clown's head 1790 United States Rubber Company, Broadway, New York City. United States Rubber Company, 1790 Broadway, New York City. -frog United States Rubber Company, 1790 Broadway, New York City. -seal SAL SODA United States Rubber Company, 1790 Broadway, New York City. -star United States Rubber Company, 1790 Broadway, New York City. -wheel States Rubber Company, 1790 United Broadway, New York City. ROOF COATING Hillyard Sales Company, St. Joseph, Mo. ROOF DRAINS. See Drains, roof; Drains, vent stack sleeves ROPE HOLDERS, LIFE. See Holders, Rope RUBBER ANIMALS. See Animals, Water, Rubber RUBBER BOATS. See Boats, Rubber RUBBER FLOOR COVERING. See Floor Covering RUBBER FOOT TRAYS. See Foot Baths, rubber RUBBER HOSE, WATER. See Hose, Rubber, Water RUBBER MATS. See Mats, rubber; Mats, sponge

RUBBER SURF BOARDS. See Surf Boards, rub-

ber

dale, Pa. Sparta Ceramic Company, The, Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Hillyard Sales Company, St. Joseph, Mo. SAFETY EQUIPMENT See also Life Guard Chairs and Watch Towers; Life Guard Equipment; Life Lines; Life Preservers American Playground Device Company, Anderson, Ind. Everson Manufacturing Company, West Huron St., Chicago, Ill. Everwear Manufacturing Company, The. Springfield, O. Playground Equipment Company, The, 82 Duane St., New York City.
Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind. See also Sulphate of Alumina Sal Soda (Iron Free) Everson Manufacturing Company, West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill. SAND, FILTER. See Filter Sand SANDALS, RUBBER. See Sandals and Shoes, beach; Sandals and Shoes, locker room, rubber; Sandals and Shoes, pool SANDALS AND SHOES Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Reece Wooden Sole Shoe Company, Columbus, Neb. United States Rubber Company, Broadway, New York City. Reece Wooden Sole Shoe Company, Columbus, Neb. United States 1790 Rubber Company, Broadway, New York City. RUBBER MATTRESSES. See Mattresses, Rubber -cloth-top United States Rubber Company, 17 New York City. [U.S. Swim Shoes] RUBBER NOVELTIES. See Novelties, Rubber 1790 RUBBER RAFTS. See Rafts, rubber --locker room, rubber United States Rubber Company, 1790 RUBBER RINGS. See Rings, Rubber RUBBER RUNNERS FOR WALKWAYS. See Floor Broadway, New York City. Covering, non-slip sponge rubber for -locker room, wood Reece Wooden Sole Shoe Company, Cowalkways RUBBER SANDALS AND SHOES. See Sandals lumbus, Neb. and Shoes, rubber men's RUBBER SEAT CUSHIONS. See Seat Cushions, Reece Wooden Sole Shoe Company, Co-Rubber

lumbus, Neb. Rubber Company, 1790 United Broadway, New York City.

-mesh with rubber soles United States Rubber Company, Broadway, New York City. 1790 IU.S. Swim Shoes] -net with rubber soles United States Rubber Company, Broadway, New York City. IU.S. Swim Shoes pool Reece Wooden Sole Shoe Company, Columbus, Neb. United States Rubber Company, 1790 Broadway, New York City. -rubber Chemical Equipment Company, 223 Center St., Los Angeles, Calif. United States Rubber Company, 1790 Broadway, New York City. [U.S. Strollers; U.S. Beach and Swim Shoes] -wooden sole, bath Reece Wooden Sole Shoe Company, Co-AReece Wooden Sole Shoe Company, Columbus, Neb.
-wooden sole, beach
Reece Wooden Sole Shoe Company, Columbus, Neb. -wooden sole, shower and locker room Reece Wooden Sole Shoe Company, Columbus, Neb. SANITATION DRIP MACHINES. See Machines, Sanitation Drip SCRUBBING BRUSHES Certified Products Company, Inc., South 22nd St., Birmingham, Ala. 500 Hillyard Sales Company, St. Joseph, Mo. See also Chemicals, sterilizing floors, lockers, and surroundings; Deodorants; Disinfectants; Urinal Cakes

SCRUBBING COMPOUNDS AND POWDERS

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.

Hillyard Sales Company, St. Joseph, Mo. SCRUBBING MACHINES

Hillyard Sales Company, St. Joseph, Mo. SCUM GUTTER DRAINS. See Drains, scum gutter

Scum Gutters, Tile

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

See Animals, Water, Rubber, seals; Rings, Rubber, seal Seals, Cement

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.

Hillyard Sales Company, St. Joseph, Mo. SEALS, TERRAZZO
Hillyard Sales Company, St. Joseph, Mo.

SEAT CUSHIONS, RUBBER

United States Rubber Company, Broadway, New York City.

SEATS. See Benches and Seats

SEDIMENT INTERCEPTORS. See Interceptors, sediment

SEDIMENT REMOVERS. See Vacuum Cleaners SETTEES

American Playground Device Company, Anderson, Ind. Everwear Manufacturing Company, The,

Springfield, O.

"Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82
Duane St., New York City.
VER VALVES. See Valves, sewer

SEWER VALVES.

SHALLOW TANK CAPS. See Caps, Swim, tank, shallow

SHELVING

Hobart Cabinet Company, Troy, O. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

Hobart Cabinet Company, Troy, O. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

SHEPHERD'S CROOKS. See Rescue Poles

SHOCK ABSORBERS, PIPING

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

SHOES. See Sandals and Shoes

SHOWER CAPS. See Caps, Swim, shower SHOWER DOMES. See Domes, Shower and Spray

SHOWER DRAINS. See Drains, shower

Shower Room Lighting. See Industrial Lighting, Pools and Locker Rooms; Lighting Equipment, buildings

SHOWER STRAINERS. See Strainers, shower SHOWER VALVES. See Valves, shower

SIGHT GLASSES. See Filters

SILK RACING SUITS. See Suits, Swim, silk racing SKIMMER SPRAYS. See Sprays, Water, skim-

mer

Skimmers, Pool American Playground Device Company,

Anderson, Ind. Chemical Equipment Company, 223 Center

St., Los Angeles, Calif. verson Manufacturing Company, Everson West Huron St., Chicago, Ill

Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

SLIDES American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

Springfield, O. Giant Manufacturing Company, Council Bluffs, Iowa.

Playground Equipment Company, The, 82

Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. -lake bottom

American Playground Device Company, Anderson, Ind.

Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Everson Manufacturing Company, 214

West Huron St., Chicago, Ill.

Everwear Manufacturing Company, The, Springfield, O.

SLIDES-Continued -powdered Giant Manufacturing Company, Council Certified Bluffs, Iowa. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, -surgical 724-28 West 8th St., Anderson, Ind. -natatorium American Playground Device Company, Anderson, Ind. Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Soda Everwear Manufacturing Company, The, Soda Ash Springfield, O. Certified Giant Manufacturing Company, Council Bluffs, Iowa. Everson Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. pool American Playground Device Company, Anderson, Ind. Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. verson Manufacturing Company, Everson West Huron St., Chicago, Ill. Everson Everwear Manufacturing Company, The, Springfield, O. Giant Manufacturing Company, Council Bluffs, Iowa. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, N.J. West 8th St., Anderson, Ind. -toboggan bath American Playground Device Company, Anderson, Ind. Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. Everwear Manufacturing Company, The, rubber Springfield, O. Giant Manufacturing Company, Council Bluffs, Iowa. Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. SOAP Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. Hillyard Sales Company, St. Joseph, Mo. cake Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. SPRAYS, WATER --liquid Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.

Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City.

Hillyard Sales Company, St. Joseph, Mo.

[Foamwel]

ertified Products Company, Inc., South 22nd St., Birmingham, Ala. Hillyard Sales Company, St. Joseph, Mo. Hillyard Sales Company, St. Joseph, Mo. SOAP DISPENSERS Certified Products Company, Inc., South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.
Soda, Hyposulphite of. See Hyposulphite of ertified Products Company, Inc., South 22nd St., Birmingham, Ala. verson Manufacturing Company, 500 214 West Huron St., Chicago, Ill.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Mathieson Alkali Works (Inc.), The, 60
East 42nd St., New York City. SODIUM HYPOCHLORITE American Playground Device Company, Anderson, Ind. Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Manufacturing Company, 214 West Huron St., Chicago, Ill. International Filter Company, 325 West 25th Place, Chicago, Ill. Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City. Wallace & Tiernan Company, Inc., Newark, SOLUTIONS, FOOT BATH. See Chemicals, foot SOLVENT FOR DRAINS. See Drain Solvent Sound Reproducing Systems. See Reproducing Systems, Sound SPEED BOAT MOTORS Evinrude Motors, Milwaukee, Wis. SPONGE RUBBER MATS. See Mats. sponge SPONGE RUBBER WALKWAY COVERING. Floor Covering, non-slip sponge rubber for walkways SPOUTS, FOUNTAIN Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. SPRAY DOMES. See Domes, Shower and Spray SPRAY INLETS. See Inlets, spray; Sprays, Water, inlet SPRAYS, DEODORIZING See also Deodorants Certified Products Company, Inc., South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. Hillyard Sales Company, St. Joseph, Mo. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. -aeration dome

Josam Manufacturing Company, 1783 East

11th St., Cleveland, O.

500

-dome

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

-inlet

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

—skimmer

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Springboard Covering. See Diving Boards,

Towers, and Equipment, covering for boards

See Diving Boards, Towers, SPRINGBOARDS. and Equipment, boards

Soueegees

See also Pick Up Pan and Squeegee Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.

Hillyard Sales Company, St. Joseph, Mo.

STAIR TREADS, TILE American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

STAIRS. See Ladders and Stairs

STANDS, DIVING. See Diving Boards, Towers, and Equipment, stands; Diving Boards, Towers, and Equipment, multiple boards and stands

STAR RINGS. See Rings, Rubber, star

STEAM HEATERS. See Heaters, Water and Bathhouse; Heating Systems, Steam

STEEL BASKETS, GALVANIZED Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

STEEL COUNTERS. See Counters, Steel

STEEL SHELVING. See Shelving, steel

STEEL SWIMMING POOL PAINT. See Paint, steel swimming pool

STEEL WATER ANIMALS. See Animals, Water, Steel

STEPS. See Ladders and Stairs

STERILIZING, CHEMICALS FOR. See Chemicals, sterilizing floors, lockers, and surroundings; Chemicals, sterilizing pool water; Chemicals, sterilizing suits and towels; Disinfectants

STERILIZING PLANTS, POOL WATER (COMPLETE) See also Recirculating Plants, Pool Wa-

ter (Complete)
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.

Bacharach & Company, E. W., 800 Rialto

Building, Kansas City, Mo.
verson Manufacturing Company, Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. International Filter Company, 325 West

25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

Lakeside Engineering Corporation, 222
West Adams St., Chicago, Ill.

Wellage & Tierran Company, Inc. Newark

Wallace & Tiernan Company, Inc., Newark, N.J.

STOPPLES, EAR. See Ear Stopples STRAINER HEADS. See Strainers

STRAINERS

See also Interceptors

American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.

Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo.

Chemical Equipment Company, 223 Center St., Los Angeles, Calif. Cook, Inc., A. D., Lawrenceburg, Ind. [To

hold back beach sand]

Manufacturing Company, Everson

West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton

Ave., Detroit, Mich.
International Filter Company, 325 West

25th Place, Chicago, III.

Josam Manufacturing Company, 1783 East
11th St., Cleveland, O.

Warren Webster & Company, 17th and

Federal Sts., Camden, N.J.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

-shower

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

---urinal

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

STRAINERS, AIR

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O.

-dome

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

STRAPLESS SWIM CAPS. See Caps, Swim, strapless

STRIPS, TILE

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

Suits, Swim

Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [More Swims per Dollar]

Mills Company, Winston-Salem, [Indera Figurfit Swim Suits and Indera Mills N.C.

Trunks]
nited States Rubber Company, 1790 United Broadway, New York City.

Gantner & Mattern Company, 1453 Mission St., San Francisco, Calfi. Suits]

States Rubber Company, way, New York City. United Broadway, [U.S. Swim Suits]

-bovs'

Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis.

Suits, Swim—Continued—boys'—Continued

Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

United States Rubber Company, 1790 Broadway, New York City. [U.S. Swim Suits]

-children's. See also Suits, Swim, babies'; Suits, Swim, boys'; Suits, Swim, girls' Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and

Trunks]
United States Rubber Company, 1790
Broadway, New York City. [U.S. Swim Suits]

-cotton
Aldrich & Aldrich, Inc., 1857-61 Milwaukee
Ave., Chicago, Ill.

Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

—girls'
Aldrich & Aldrich, Inc., 1857-61 Milwaukee
Ave.. Chicago. Ill.

Ave., Chicago, Ill.
Bradley Knitting Company, Delavan, Wis.
Gantner & Mattern Company, 1453 Mission
St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

United States Rubber Company, 1790 Broadway, New York City. [U.S. Swim Suits]

-Krepe-Tex United States Rubber Company, 1790 Broadway, New York City. [U.S Krepe-Tex]

Lastex

 Gantner & Mattern Company, 1453 Mission
 St., San Francisco, Calif. [Gantner Lastex Suits]

--lisle
Gantner & Mattern Company, 1453 Mission
St., San Francisco, Calif. [Feather-weight Sea Island Lisle]

—men's. See also Suits, Swim, trunks for men and boys

Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks] United States Rubber Company, 1790 Broadway, New York City. [U.S. Latex]

-racing

Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Featherweight Sea Island Lisle; Gantner Glove Silk]

-rubber. See also Suits, Swim, Krepe-Tex United States Rubber Company, 1790 Broadway, New York City. [U.S. Swim Suits; U.S. Sea Net; U.S. Krepe-Tex]

-silk racing

Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Glove Silk]

-tank

Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits; Featherweight Sea Island Lisle]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

United States Rubber Company, 1790 New York City. [U.S. Swim Suits] -trunks for men and boys

Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave, Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Wikies; Bo'sun's; Hi-Boys; Lo-Boys; Lo-Wikies]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

United States Rubber Company, 1790 Broadway, New York City. [U.S. Latex]

---women's Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Floating Bra; Gantner Sea Crystal of Satin Lastex; Gantner Satin Lastex; Gantner Banda-Wikies; Gantner Maillots]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and and Trunks]

United States Rubber Company, 1790 Broadway, New York City. [U.S. Swim Suits; U.S. Sea Net; U.S. Krepe-Tex]

Bradley Knitting Company, Delavan, Wis. Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif. [Gantner Suits]

Indera Mills Company, Winston-Salem, N.C. [Indera Figurfit Swim Suits and Trunks]

See Filters, taste-

SULPHATE OF ALUMINA (COMMERCIAL)
Everson Manufacturing Company, TANK PAINT. See Paint, filler tank; Paint, 214 water tank TANK SUITS. See Suits, Swim, tank West Huron St., Chicago, Ill. International Filter Company, 325 West TASTE-REMOVAL FILTERS. 25th Place, Chicago, Ill. removal SULPHATE OF ALUMINA SAL SODA (IRON FREE) TEMPERATURE CONTROL EQUIPMENT Everson Manufacturing Company, 214 Everson Manufacturing Company, West Huron St., Chicago, Ill. International Filter Company, 325 West West Huron St., Chicago, Ill. water Everson werson Manufacturing Company, West Huron St., Chicago, Ill. 25th Place, Chicago, Ill. SUN SUITS FOR BABIES AND CHILDREN. See TERRA COTTA (GLAZED AND UNGLAZED, ENAM-Suits, Swim, babies'; Suits, Swim, chil-ELED, ETC.) dren's American-Franklin-Olean Tiles, Inc., Lans-SUN VISORS. See Visors, Sun dale, Pa. Terrazzo Cleaners SUPPORTERS, ATHLETIC. See Swim Supporters Hillyard Sales Company, St. Joseph, Mo. American Playground Device Company, Terrazzo Seals Anderson, Ind. Everson Manufacturing Company, 214 West Huron St., Chicago, Ill. United States Rubber Company, 1790 Broadway, New York City. -balsa wood American Playground Device Company, Anderson, Ind. -rubber nited States Rubber Company, 1790 Broadway, New York City. [U.S. Waterboy Surf Board; U.S. Waterboy United Shark Surf Board] SURGICAL SOAP. See Soap, surgical Suspensories. See Swim Supporters SWANS. See Animals, Water, Rubber, swans SWIM CAPS. See Caps, Swim SWIM SUITS. See Suits, Swim SWIM SUPPORTERS See also Girdles, Swim
Fitsrite Products Company, 43-47 West
23rd St., New York City.
United States Rubber Company, 1790 TILE Broadway, New York City. SWIM TEACHER, RUBBER United States Rubber Company, Broadway, New York City. Howland Swim Teacher] IU.S. SWINGS, WATER American Playground Device Company, Anderson, Ind. Everwear Manufacturing Company, The, Springfield, O. Giant Manufacturing Company, Council dale, Pa. Bluffs, Iowa. Sparta, O. Synthetic Zeolite American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. International Filter Company, 325 West 25th Place, Chicago, Ill. Sparta, O. -decorative Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill. dale, Pa. TABLES, OPERATING. See Operating Tables TAGS, IDENTIFICATION Sparta, O. American Playground Device Company, Anderson, Ind. Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.

TANK CAPS. See Caps, Swim, tank; Caps, Swim, tank, shallow

Hillyard Sales Company, St. Joseph, Mo. Test Tubes. See Testing Sets TESTING SETS (pH CHLORINE, ETC.) See also Chlorimeters
American Playground Device Company, Anderson, Ind.
American Water Softener Company, 2670
North 4th St., Philadelphia, Pa. Chemical Equipment Company, 223 Center St., Los Angeles, Calif.
Everson Manufacturing Company, 214
West Huron St., Chicago, Ill.
Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.

International Filter Company, 325 West
25th Place, Chicago, III. Lakeside Engineering Corporation, West Adams St., Chicago, Ill. Recreation Equipment Company, 724-28
West 8th St., Anderson, Ind.
Taylor & Company, Inc., W. A., 872 Linden
Ave., Baltimore, Md. Wallace & Tiernan Company, Inc., Newark, See also Borders, Tile; Ceramic Mosaic; Flooring, Tile; Glazed Tile; Ladders and Stairs; Lane Markers; Linings, Pool; Mosaic, Tile; Non-Slip Tile; Panels, Tile; Runways, Tile; Scum Gutters, Tile; Stair Treads, Tile; Strips, Tile; Terra Cotta; Unglazed Tile; Wainscoating, Tile; Walkways, Tile; Walls, Tile
American-Franklin-Olean Tiles, Inc., Lansdale Pa Sparta Ceramic Company, The, East -clay decorative borders, liners, panels, signs, strips Sparta Ceramic Company, The, East American-Franklin-Olean Tiles, Inc., Lans-Sparta Ceramic Company, The, East -lane markers. See Lane Markers, tile -non-slip America-Franklin-Olean Tiles, Inc., Lansdale, Pa. Sparta Ceramic Company, The, East Sparta, O.

Springfield, O.

Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28

West 8th St., Anderson, Ind. UNDERWATER LIGHTS. See Floodlights, underwater; Lighting Equipment, underwater

TILE CLEANSER UNGLAZED TILE Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.
TILE-LIKE FINISHES. See Finishes, tile-like American-Franklin-Olean Tiles, Inc., Lansdale, Pa. Sparta Ceramic Company, The, East Sparta, O. URINAL CAKES Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.
VACUUM CLEANER BRUSHES. See Brushes, TOBOGGAN SLIDES, WATER. See Slides, toboggan Toilet Paper Cabinets. See Cabinets, toilet paper Tops, Water vacuum cleaner American Playground Device Company, VACUUM CLEANER UNITS Anderson, Ind. Chemical Equipment Company, 223 Center Towers, Diving. See Diving Boards, Towers, and Equipment, stands; Diving Boards, Towers, and Equipment, multiple boards St., Los Angeles, Calif.
Everson Manufacturing Company, 214
West Huron St., Chicago, Ill.
Hygeia Filter Company, 3422-3440 Denton and stands Towers, LIFE GUARD. See Life Guard Chairs Ave., Detroit, Mich. International Filter Company, 325 West and Watch Towers Toys, WATER 25th Place, Chicago, Ill. Lakeside Engineering Corporation, 222 See also Animals, Water; Animals, Water, Rubber; Animals, Water, Steel; West Adams St., Chicago, Ill. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind. Balls, Water American Playground Device Company, Anderson, Ind. connections only Giant Manufacturing Company, Council Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Josam Suction Cleaner Units] Bluffs, Iowa. Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.
United States Rubber Company,
Broadway, New York City. 1790 VACUUM CLEANERS See also Fittings, Vacuum Cleaner;
Hose, Vacuum Cleaner; Pumps, portable for vacuum cleaners; Vacuum Cleaner Units
American Playground Device Company, Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.
TRENCH DRAINS. See Drains, trench Anderson, Ind. American Water Softener Company, 2670 North 4th St., Philadelphia, Pa. TRI-FILTER CONTROL VALVE. See Valves, trifilter control TROPHIES. See Awards, Medals, and Trophies Chemical Equipment Company, 223 Center TRUNKS FOR MEN AND BOYS. See Suits, Swim, St., Los Angeles, Calif. Everson Manufacturing Com West Huron St., Chicago, Ill. trunks for men and boys Company, 214 TURBINES Hygeia Filter Company, 3422-3440 Denton See also Motors; Pumps; Recirculating Plants, Pool Water (Complete) Ave., Detroit, Mich.
International Filter Company, 325 West
25th Place, Chicago, Ill.
Lakeside Engineering Corporation, 222 Cook, Inc., A. D., Lawrenceburg, Ind. Worthington Pump & Machinery Corporation, Harrison, N.J. West Adams St., Chicago, Ill. -deep-well Playground Equipment Company, The, 82 Duane St., New York City. Recreation Equipment Company, 724-28 Cook, Inc., A. D., Lawrenceburg, Ind. Worthington Pump & Machinery Corporation, Harrison, N.J. West 8th St., Anderson, Ind. TURNSTILES Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, VACUUM GAUGES Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, Eng. Eng. UMBRELLA RACKS. See Racks, Umbrella Everson Manufacturing Company, 214 UMBRELLAS, BEACH AND LIFE GUARD West Huron St., Chicago, Ill. Hygeia Filter Company, 3422-3440 Denton American Playground Device Company, Anderson, Ind. Ave., Detroit, Mich. Manufacturing Company, International Filter Company, 325 West Everson 25th Place, Chicago, Ill. Worthington-Gamon Meter Company, Harrison, N.J. West Huron St., Chicago, Ill. Everwear Manufacturing Company, The,

VALVES North 4th St., Philadelphia, Pa.
Bailey & Company, Ltd., Sir W. H., Albion
Works, Oldfield Road, Salford, 5, Lancs, Eng.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O.

Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill.

-backwater Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs,

International Filter Company, 325 West 25th Place, Chicago, Ill.

Josam Manufacturing Company, 1783 East

11th St., Cleveland, O. Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill.

-check

Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs,

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill.

-filter control

International Filter Company, 325 West 25th Place, Chicago, Ill.

-hydraulic single control for filters

International Filter Company, 325 West 25th Place, Chicago, Ill.

-rate of flow

International Filter Company, 325 West 25th Place, Chicago, Ill. [Infilco Venturi]

sewer

Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, Eng.

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. Lakeside Engineering Corporation,

West Adams St., Chicago, Ill.

-shower

Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs,

Josam Manufacturing Company, 1783 East 11th St., Cleveland, O. [Josam Moderatorl

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

-tri-filter control

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

VAPOLETS. See Floodlights; Lighting Equipment

Visors, Sun

Fitsrite Products Company, 43-47 West 23rd St., New York City.

WADING POOL SHOWER DOMES. See Domes, Shower and Spray, wading pool

WAINSCOATING, TILE

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

WALKWAY DRAINS. See Drains, walkway

WALKWAYS, TILE

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East Sparta, O.

WALL BRUSHES, POOL, HYDRAULIC . See Brushes, pool floor and wall

WALL DRAINS. See Drains, side wall main WALLS, TILE

American-Franklin-Olean Tiles, Inc., Lansdale, Pa.

Sparta Ceramic Company, The, East

Sparta, O. Washing Powders. See Scrubbing Compounds and Powders

WATCH TOWERS, LIFE GUARD. See Life Guard Chairs and Watch Towers

WATER ANIMALS. See Animals, Water; Animals, Water, Rubber; Animals, Water, Steel

WATER BALLS. See Balls, Water

WATER CIRCULATING SYSTEMS. See Recirculating Plants, Pool Water (Complete)
WATER HEATERS. See Heaters, Water and

Bathhouse

WATER LEVEL CONTROL

Everson Manufacturing Company, West Huron St., Chicago, Ill.
WATER MATTRESSES. See Mattresses, Rubber

WATER METERS. See Meters, Gauges, Indicators

WATER SOFTENERS

American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222

West Adams St., Chicago, Ill.
Mathieson Alkali Works (Inc.), The, 60
East 42nd St., New York City. [pH-Plus]

WATER SOFTENING EQUIPMENT

American Water Softener Company, 2670
North 4th St., Philadelphia, Pa.

Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

WATER STERILIZING EQUIPMENT. See Recirculating Plants, Pool Water (Complete)

WATER SWINGS. See Swings, Water

WATER TANK PAINT. See Paint, water tank WATER TESTING SETS. See Testing Sets

WATER TOBOGGAN SLIDES. See Slides, toboggan

WATER TOPS. See Tops, Water

WATER TOYS. See Toys, Water

WATER WHEELS. See Wheels, Water

WATERBOY PUMPS

Evinrude Motors, Milwaukee, Wis.

Waterproof Enamel Coatings. See Enamel Coatings

WATERPROOF FINISHES. See Finishes, waterproof

See Mattresses, MATTRESSES. WATERPROOF Rubber

WATERPROOF PAINT. See Paint, waterproof

WATERPROOFING COMPOUNDS

Inertol Company, Inc., 401 Broadway, New York City. [Ramuc; Inertol]

WAVES, WATER

American Playground Device Company, Anderson, Ind.

Giant Manufacturing Company, Council Bluffs, Iowa.

Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

Wax

Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.

Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala. Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City. Rub-No]

Hillyard Sales Company, St. Joseph, Mo.

paste

Certified Products Company, Inc., 500
South 22nd St., Birmingham, Ala.
Clifton Chemical Company, Inc., Clifton
Building, 246 Front St., New York City.
Hillyard Sales Company, St. Joseph, Mo.
WAXING MACHINES. See Machines, Polishing

WEIGHTED JACKETS Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.

WELL POINTS

Cook, Inc., A. D., Lawrenceburg, Ind. WHEEL RINGS. See Rings, Rubber, wheel

Wheels, Water

American Playground Device Company, Anderson, Ind. Everwear Manufacturing Company, The,

Springfield, O.

WIRE BASKETS

American Playground Device Company, Anderson, Ind.

Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, III.

Women's Swim Suits. See Suits, Swim, women's

Wooden Sole Sandals and Shoes. See Sandals and Shoes, wooden sole, bath; San-dals and Shoes, wooden sole, beach; San-dals and Shoes, wooden sole, shower and locker room

Woodwork Polish. See Polish, Floor, Furniture, and Woodwork

Woolen Swim Suits. See Suits, Swim, woolen

WRINGERS. See Mopping Buckets and Wringers

See Elastic Bands Wrist Bands, Elastic. for Keys and Tags

Wrist Supporters

Fitsrite Products Company, 43-47 West 23rd St., New York City.

elastic

Fitsrite Products Company, 43-47 West 23rd St., New York City.

-leather

Fitsrite Products Company, 43-47 West 23rd St., New York City.

ZEOLITE

See also Greensand Zeolite; High Capacity Greensand Zeolite; Synthetic Zeolite American Water Softener Company, 2670

North 4th St., Philadelphia, Pa.

International Filter Company, 325 West 25th Place, Chicago, Ill.

Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.

II. ADDRESSES OF FIRMS

- Aldrich & Aldrich, Inc., 1857-61 Milwaukee Ave., Chicago, Ill.
- American-Franklin-Olean Tiles, Inc., Lansdale,
- American Playground Device Company, Anderson, Ind.
- American Water Softener Company, 2670 North 4th St., Philadelphia, Pa.
- Anchor Post Fence Company, Eastern Ave. and Kane St., Baltimore, Md. Sales representatives in all principal cities. Bacharach & Company, E. W., 800 Rialto Building, Kansas City, Mo.
- Bailey & Company, Ltd., Sir W. H., Albion Works, Oldfield Road, Salford, 5, Lancs, Eng.
- Balfour Company, L. G., Attleboro, Mass. Branches in all principal cities.
- Benjamin Electric Manufacturing Company,
 Des Plaines, Ill.; 448 Bryant St., San
 Francisco, Calif.; 20 North Wacker
 Drive, Chicago, Ill.; 230-234 West 17th
 St., New York City.
- Bradley Knitting Company, Delavan, Wis.
- Broderick Company, Tom, 1725 South Grand Boulevard, Glendale, Calif.; 2400 Broadway, Parsons, Kan.
- Certified Products Company, Inc., 500 South 22nd St., Birmingham, Ala.
- Chemical Equipment Company, 223 Center St., Los Angeles, Calif.; Monadnock Building, San Francisco, Calif.
- Clifton Chemical Company, Inc., Clifton Building, 246 Front St., New York City.
- Cook, Inc., A. D., Lawrenceburg, Ind.
- E & J Company of New York, 101 Park Ave., New York City.
- Everson Manufacturing Company, 214 West Huron St., Chicago, Ill.
- Everwear Manufacturing Company, The, Springfield, O.
- Evinrude Motors, Milwaukee, Wis.
- Fitsrite Products Company, 43-47 West 23rd St., New York City.
- Gantner & Mattern Company, 1453 Mission St., San Francisco, Calif.; Merchandise Mart, Chicago, Ill.; 1410 Broadway. New York City. Makers of America's Finest Swim Suits. More Swims per Dollar.
- Giant Manufacturing Company, Council Bluffs, Iowa; Trenton, N.J.; Oakland, Calif.
- Health-O-Swim Nose-Clip Company, Broadway, New York City.

- Hillyard Sales Company, St. Joseph, Mo. Offices in principal cities.
- Hobart Cabinet Company, Troy, O.
- Hygeia Filter Company, 3422-3440 Denton Ave., Detroit, Mich.
- Indera Mills Company, Winston-Salem, N.C.; 608 Wilson Building, 1270 Broadway, New York City. Sold through dealers everywhere.
- Inertol Company, Inc., 401 Broadway, New York City; 447 Sutter St., San Fran-cisco, Calif. Factory: Newark, N.J.
- International Filter Company, 325 West 25th Place, Chicago, Ill.
- Josam Manufacturing Company, Main Sales and Engineering Department, 1783 East 11th St., Cleveland, O. Factory and foundry: Michigan City, Ind. Representatives in all principal cities.
- Kennedy-Prince Lancs, The, Coach Edward T. Kennedy, Columbia University, New York City.
- Lakeside Engineering Corporation, 222 West Adams St., Chicago, Ill.
- Mathieson Alkali Works (Inc.), The, 60 East 42nd St., New York City; Charlotte, N.C.; Chicago, Ill.; Cincinnati, O.; Houston, Tex.; Philadelphia, Pa.; Providence, R.I.; Washington, D.C.
- Playground Equipment Company, The, 82 Duane St., New York City.
- Recreation Equipment Company, 724-28 West 8th St., Anderson, Ind.
- Reece Wooden Sole Shoe Company, Columbus, Neb.
- Sparta Ceramic Company, The, East Sparta, O. Taylor & Company, Inc., W. A., 872 Linden Ave., Baltimore, Md.
- United States Rubber Company, 1790 Broadway, New York City.
- Vogel-Peterson Company, Inc., 1801 North Lincoln St., Chicago, Ill.
- Wallace & Tiernan Company, Inc., Newark, N.J.
- Warren Webster & Company, 17th and Federal Sts., Camden, N.J.
- Westinghouse Electric & Manufacturing Company (Lighting Division), 1216 West 58th St., Cleveland, O.
- Worthington-Gamon Meter Company, Harrison, N.J.
- Worthington Pump & Machinery Corporation, Harrison, N.J.

Appendix C

FILMS

One film often can be secured from several distributors. In listings of this type a semi-colon has been used after the name of each distributor to indicate completion of the listing for this firm.

A B C of Swimming. 1 reel. Y.M.C.A. Motion Picture Bur.

Amateur Diving Association Instructional Film. Sale £3 3s. post free. Rent 2s. 6d. post free for one night, 6d. for each additional night. 1937. Robinsons Cine Service.

Aquatic Artistry. 1 reel. 35mm. Sound.

Prices on request. M.-G.-M. ial Respiration. Free. Lo Artificial Respiration. Loucks & Norling.

Backstroke, Japanese and American, 1931-1932. 250 feet. 1931 and 1932. Yale Produced by Robert J. H. Kiphuth.

Beach Sports. 1 reel. 16mm. Sound. Sale \$30 to \$50 (discount to schools). Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.

Breaststroke, Showing Conventional, Butter-fly and the Dolphin Strokes. 400 feet. 1931 and 1932. Yale Univ. Produced by Robert J. H. Kiphuth.

Call of the Olympic Bell. 16mm. Sound and silent. Transportation charges only. 1936. German Railroads Inf. Off. Includes all sports, short section on swimming.

Technique of the American Red Cross. 1 reel. 450 feet. A.R.C.

Coast Guard Communications. 45 minutes. 16mm. Sound. Sale \$150, Rent \$9. Bray; Films.

Crystal Champions. 1 reel. 16mm. Sound and silent. Sale \$4.50 to \$25 for 16mm. sound, \$2.50 to \$20 for 16mm. silent, Rent 75c to \$1.50 for 16mm. sound, 50c to \$1 for 16mm. silent. Mogull; Sale \$17.50 to \$30 for 16mm. sound, \$15 to \$25 for 16mm. silent, Rent \$1.50 to \$2 for 16mm. sound, \$1 to \$1.50 for 16mm. silent, Wholesome to \$1.50 for 16mm. silent. Wholesome to \$1.50 for 16mm. silent. Wholesome Films; Sound. Rent \$1.25. Bass; Sale \$17.50 to \$50, Rent \$1 to \$3. Bell & Howell; Sale prices on request, Rent \$1.50 to \$2. Cosmopol. Film Lib.; Rent \$1 to \$3. Eastman, Kodascope; Sale \$20 to \$50, Rent \$1 to \$3. Films; Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Rent \$1.25 to \$3. Hill; Sale prices on request, Rent \$1.50 to \$2.50. Ideal; Rent \$1 to \$3. Y.M.C.A. Motion Picture Bur; Silent. Sale \$7 to \$12, Rent 50c to \$1.50. Nat. Cinema Serv. Diving. Rent 2s. 6d. post free for one night, 6d. for each additional night.

1937. Robinsons Cine Service. Diving. 1 reel. 35mm. Silent. Bell & Howell; Rent \$1.50 to \$2.50. Wholesome Films.

Diving and First Aid. 1 reel. Edited Pictures.

Diving by Degener, Kurtz and Samaika Taken at the Memorial Pool, Hono-

lulu. 100 feet. 1931. Yale Univ.
Produced by Robert J. H. Kiphuth.
Diving from Three Meter Board at the
Payne Whitney Pool, Yale University, by Degener and Diefendorf of
the University of Michigan. 100 feet.

Yale Univ. Produced by Robert J. H. Kiphuth. Diving, High Jumping, Lariat Throwing. Silent. Rent \$5 per day. Burton Holmes.

Diving Instruction Film. 400 feet. 16mm. Silent. Sale \$20. 1936. Chicago Park District. Produced by V. F. Hern-

Eleventh Olympic Games. 60 minutes. 16mm. Silent. Sale \$120. 1936. Pittsburgh, Pa., University of Pittsburgh, James H. Potts.

Every Swimmer a Life Saver. Rent \$2 per day. Soc. Visual Educ.

Feminine Flashes in the World of Sports.

Sound. Rent \$1.50 per day. Eastin.

First Aid: Life Saving and Resuscitation.

1 reel. 16mm. Silent. Rent 50c to \$1. Akin & Bagshaw; Sale \$24, Rent \$3. Eastman, Teach. Films Div.

Floating Fun. 1 reel. 16mm. Sound. Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.

Follow the Leader. 1 reel. 16mm. Silent. Sale \$20 to \$35, Rent \$1 to \$1.50. Dudley; Sale \$15 to \$25, Rent 75c to \$1. Eastman, Kodascope.

Freestyle Swimming, Japan, 1931, Olympic Tryouts, Cincinnati, and Olympic Games, 1932. 650 feet. 1931 and 1932. Yale Univ. Produced by Robert J. H. Kiphuth.

Gangway. 314 feet. Silent. Rent \$1 per Eastman, Kodascope. day.

Getting Gay with Neptune. 1 reel. 297 feet. 16mm. Silent. Sale \$15 to \$25, Rent 75c to \$1. Eastman, Kodascope. Hawaiian Shores. 1/4 reel. 16mm. Silent.
Sale \$12 to \$30, Rent \$1 to \$2. Bell
& Howell; Sale \$20 to \$24, Rent
\$1.50. Burton Holmes.

Help! Free. A.R.C. Produced by Cap-

Free. A.R.C. tain C. B. Scully.

Highlights of the 1936 Olympics. 10 minutes. 16mm. Sound. Rent \$3 per day. Films.

How to Handle a Canoe. Silent. Sale \$1.50. Ideal.

How Will You Have Your Bath? 299 feet.

Silent. Rent \$1 per day. Eastman, Kodascope.

Hygiene of Swimming. Jacksonville, Fla., Dr. H. Marshall Taylor.

Kauai—The Garden Island of Hawaii. 1/4 reel. 16mm. Silent. Sale \$12 to \$30, Rent \$1 to \$2. Bell & Howell; Sale \$20 to \$24, Rent \$1.50. Burton Holmes.

Land Training for Diving, etc. Rent 2s. 6d. post free for one night, 6d. for each additional night. 1937. Robinsons Robinsons Cine Service.

Learn and Live (Life Saving). 1 reel. 16mm. Silent. Transportation charges only. Am. Mus. Nat. Hist.; Rent 20c to \$7.50. Brigham Young Univ.; Rent 50c to \$7.50. Univ. Colorado; Rent 50c to \$2. Univ. Colorado; Rent 50c to \$2. Univ. Illinois; Rent in state 75c, other states \$1. Indiana Univ.; Rent 50c to \$7.50. Univ. Kan-sas; Rent 10c to \$12. Univ. Texas. Prices indicate range for all films car-ried by the respective institutions. Write for specific quotation.

Learn to Swim. 2 reels, 20 minutes, 16mm, and 35mm. Safety, Sound, Sale \$10 and \$22.50. 1938. U.S. Dept. Agricul-

Life Saving. Silent. Sale \$1.25. Ideal.

Life Saving. 2 reels. 16mm. and 35mm. Sound and Silent. Sale \$10 for 16mm. sound, \$6 for 16mm. silent, \$22.50 for 35mm. sound, \$22.50 for 35mm. silent. 1937. U.S. Dept. Agriculture.

Life Saving and Diving. Saving and Diving. Sale \$50 on Standard Stock Film, \$60 on Nonflame Stock Film. Visual Text Sales Co. Produced by Prof. William R. La Porte.

Life Saving and Resuscitation. Silent. Sale \$1.50. Ideal.

Life Saving Techniques of the American Red Cross. 2 reels. 820 feet. A.R.C.

Men's and Women's Diving and Water Polo. 16mm. Silent. Rent \$10 for series of six films. 1936. Am. Olympic Comm. Produced by C. R. Bearmore.

Men's and Women's Swimming. 16mm. Silent. Rent \$10 for series of six films. 1936. Am. Olympic Comm. Produced by C. R. Bearmore.

Men's Platform Diving. 400 feet. 16mm. Silent. Titled. Rent \$4. 1936. Am. Olympic Comm.

Men's Springboard Diving. 400 feet. 16mm. Silent. Titled. Rent \$4. 1936. Am. Olympic Comm.

Men's Swimming and Water Polo. feet. 16mm. Silent. Titled. Rent \$4. 1936. Am. Olympic Comm.

National Aquatic Schools of the American Red Cross. 2 reels. 930 feet. 16mm.

Silent. Titled. A.R.C. National A.A.U. Champions. New 1935 York City, Columbia University, Arthur Crawford.

Olympic Games, 1936. Slow motion. Alliance, O., 309 South Union Ave., C. R. Bearmore.

Olympic Talent. Sale \$30. Garrison.

Olympic Trials Three Meter Champion-ships, Chicago, June, 1936. 400 feet. 16mm. Silent. Slow motion. Sale \$20. 1936. Chicago Park Dist. Produced by V. F. Hernlund.

One Metri Board. 1 reel. 16mm. Sound. Sale \$17.50 to \$50, Rent \$1 to \$3. Bell & Howell.

Outboard Stunting. 1 reel. 16mm. Sound.
Rent \$1.50 per day. Eastin; Sale \$30
to \$50 (discount to schools), Rent
\$1.25 to \$2. Gutlohn; Prices on request. Ideal.

Oxygen Breathing Apparatus. 35mm. Rent

50c to \$3 in state. Iowa State Col.;
Rent 10c to \$12. Univ. Texas.
See note under Learn and Live.
Pardon My Spray. 1 reel. 16mm. Sound.
Sale \$30 to \$50 (discount to schools),
Rent \$1.25 to \$2. Gutlohn; Sale
prices on request, Rent \$1.50 to \$2.50. Ideal.

Pictures of the Olympic Swimming Meet of 1932. Yale Univ. Produced by Robert J. H. Kiphuth.

Plain and Fancy Diving. Silent. \$1.25. Ideal.

Playing and Coaching Water Polo. 1 reel, 400 feet. Slow Motion. Sale \$25, 1938. Intersch. Sports Pub. Co.

Poetry of Motion and Olympic Diving Champions. 1 reel. 16mm. Sound. Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal. Sale \$50, Rent \$1.50. Bell & Howell.

Row, Mister, Row. 1 reel. 16mm. Sound, Sale \$17.50 to \$50, Rent \$1.25 to \$2. Film Lib.; Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.

Rudiments of Swimming. Silent. \$1.25. Ideal.

Ship Ahoy! 336 feet. Silent. Rent \$1.25 per day. Eastman, Kodascope.

Short Shots of American and Japanese Swimmers. 400 feet. Yale Univ. Produced by Robert J. H. Kiphuth.

Ski Pilots. 1 reel. per day. Bass. Sound. Rent \$1.25,

- Spills and Thrills. 1 reel. 16mm. Sound. Rent \$1.25 per day. Bass; Sale \$17.50 to \$50, Rent \$1 to \$3. Bell & Howell; Rent \$1.50 per day. Eastman, Kodascope; Rent \$1. Manse. Silent. Sale \$15 to \$25, Rent \$1 to Wholesome Films. \$1.50.
- and Sail. 1 reel. 327 feet. 16mm. Silent. Sale \$15 to \$25, Rent 75c to \$1. Eastman, Kodascope.
- Surf Heroes. 1 reel. 35mm. Sound. Prices on request. M.-G.-M.
- Surf Riding at Waikiki. Eastin.
- Surfing-The Famous Sport of Waikiki. 1/4 reel. 16mm. Silent. Sale \$12 to \$30, Rent \$1 to \$2. Bell & Howell; Sale \$20 to \$24, Rent \$1.50. Burton Holmes.
- Swim or Sink. 1 reel. 16mm. Sound. Sale \$30. Garrison; Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.
- Swimmers and Swimming. 1 reel. 16mm. Silent. Sale \$15 to \$25, Rent 75c to \$1. Eastman, Kodascope. 35mm. Rent \$1.50 to \$2.50. Wholesome Films.
- Swimming. Sale \$50 on Standard Stock Film, \$60 on Non-flame Stock Film. Visual Text Sales Co. Produced by Prof. William R. La Porte.
- Swimming and Aquatics. Rent \$12 for series of four films. Visual Text Sales Co. Produced by Prof. William R. La Porte.
- Swimming and Diving. Slow motion and normal photography. Soc. Visual Educ.
- Swimming and Diving. Silent. Sale \$1.50. Ideal.
- Swimming, Life Saving and Diving. Visual Text Sales Co.
- Swimming Strokes. Silent. Sale \$1.25. Ideal.
- Teaching of Swimming and Diving. Rent \$1.50 per day. Detroit, Mich., Wayne University, Ann Avery Smith.

- Tenth Olympiad. 1 reel. 11 minutes. 16mm. Sound. Sale \$17.50 to \$50, Rent \$1 to \$3. Bell & Howell; Rent \$1. Manse; Sale \$4.50 to \$25, Rent 75c to \$1.50. Mogull; Silent. Sale \$9 to \$15, Rent 75c. Hollywood Film; Sale \$15 to \$25, Rent \$1 to \$1.50. Wholesome Films
- some Films.

 Three Metri Board. 1 reel. 16mm. Sound.
 Sale \$17.50 to \$50, Rent \$1 to \$3.
 Bell & Howell.
- Bell & Howell.

 Tigers of the Deep. 1 reel. 16mm. Sound.
 Sale \$17.50 to \$50, Rent \$1.25 to \$2.
 Film Lib.; Sale \$30. Garrison; Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2. Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.

 Water Bugs. 1 reel. 16mm. Sound. Sale \$30. Garrison; Sale \$30 to \$50 (discount to schools), Rent \$1.25 to \$2.
 Gutlohn; Sale prices on request, Rent \$1.50 to \$2.50. Ideal.
- \$1.50 to \$2.50. Ideal.

 Water Dogs. 15 minutes. 35mm. Sound.
 1931. Mod. Films Sales Corp. Produced by Grace G. Huntington.

 Water Fun. 1 reel. 9 minutes. 16mm. and
- 35mm. Sound and silent. Sale prices on request, Rent \$1.50 to \$2 for 16mm. sound. Cosmopol. Film Lib.; Sale \$12 for 16mm. silent, \$21 for 16mm. sound, prices on request for 35mm. sound, Rent \$1.50 for 16mm. silent, \$2 for 16mm. sound. Pictorial Film Lib.
- Water Sports. 1 reel. 16mm. Sound. Sale \$20 to \$75, Rent \$1 to \$1.50. Allen; Prices on request. Audio-Film; Sale \$17.50 to \$50, Rent \$1 to \$3. Bell & Howell; Sale \$17.50. Castle; Sale prices on request, Rent \$1.50 to \$2. Cosmopol. Film Lib.; Rent \$1 to \$1.25. Dennis; Sale \$17.50 to \$30, Rent \$1.50. Lewis; Rent \$1. Manse; Sale \$10 to \$25, Rent \$1.50 to \$2.50. Metropolitan; Sale \$17.50 to \$30, Rent \$1.50 to \$2. Wholesome Films; Sale prices on request, Rent 75c to \$1. Williams.
- Water Wonders. 1 reel. 16mm. Silent. Sale \$15 to \$25, Rent 75c to \$1. Eastman, Kodascope.
- Women's Swimming. 400 feet. 16mm. Silent. Titled. Rent \$4. 1936. Am. Olympic Comm.

DISTRIBUTORS OF FILMS

- A.R.C. American Red Cross, Director of First Aid and Life Saving, Washington, D.C.
- Akin & Bagshaw. Akin and Bagshaw, Inc.,
- 1425 Williams St., Denver, Col. Allen. John E. Allen Modern Talking Picture Service, 6 George St., Rochester, N.Y.
- Am. Mus. Nat. Hist. American Museum of Natural History, 79th St. and Central Park West, New York City.
- Olympic Comm. American Olympic Committee, 233 Broadway, New York City.
- Audio-Film Libraries, 661 Audio-Film.
- Bloomfield Ave., Bloomfield, N.J. Bass. Bass Camera Company, 179 Madison
- St., Chicago, Ill.
 Bell & Howell. Bell and Howell Company,
- 1801 Larchmont Ave., Chicago, Ill. Bray. Bray Pictures Corp., 729 Seventh Ave., New York City.
- Brigham Young Univ. Brigham Young University, Bureau of Visual Instruction, Provo, Utah.
- Burton Holmes. Burton Holmes Films, Inc., 7510 North Ashland Ave., Chi-
- cago, Ill.
 Castle. Castle Films, RCA Building, 30
 Rockefeller Plaza, New York City.
 Chicago Park Dist. Chicago Park District,
- Washington Park, Chicago, Ill.
- Cosmopol. Film Lib. Cosmopolitan Film Libraries, Inc., 3248 Gratiot Ave., De-
- troit, Mich. Dennis. William M. Dennis Film Libraries,
- 2506½ West 7th St., Los Angeles, Calif. Dudley. William H. Dudley Visual Educa-tion Service, Inc., 736 South Wabash
- Ave., Chicago, Ill. Eastin. Eastin 16mm Pictures, 707 Putnam Building, Davenport, Iowa.
- Eastman, Kodascope. Eastman Kodak Company, Kodascope Libraries Division, 33 West 42nd St., New York City.
- Eastman, Teach. Film Div. Eastman Kodak Company, Teaching Films Division, 343
 State St., Rochester, N.Y.
 Edited Pictures. Edited Pictures System,
- Inc., 330 West 42nd St., New York City. Film Lib. Film Library of New England, 239 Columbus Ave., Boston, Mass.
- Films. Films Incorporated, 330 West 42nd St., New York City. 64 East Lake St., Chicago, Ill.; 314 South West 9th Ave., Portland, Ore.
- Garrison. Garrison Film Distributors, Inc.,
- 730 Seventh Ave., New York City.
 German Railroads Inf. Off. German Railroads Information Office, 665 Fifth Ave., New York City.

- Gutlohn. Walter O. Gutlohn, Inc., 35 West 45th St., New York City.
- Howard Hill Motion Picture Service, 280 Scenic Ave., Piedmont, Oakland, Calif.
- Hollywood Film. Hollywood Film Enterprises, Inc., 6060 Sunset Boulevard, Hollywood, Calif. Ideal. Ideal Pictures Corp., 30 East 8th
- St., Chicago, Ill.
- Indiana Univ. Indiana University, Extension Division, Bloomington, Ind.
- Intersch. Sports Pub. Co. Interscholastic Sports Publishing Company, Route 2, Box 22, Anaheim, Calif.
- Iowa State Col. Iowa State College of Agriculture and Mechanic Arts, Visual Instruction Service, Ames, Io.
- Lewis. Lewis Film Service, 105 East First St., Wichita, Kan.
- Loucks & Norling, Loucks and Norling, 245 West 55th St., New York City.
- M.-G.-M. Metro-Goldwyn-Mayer, Broadway, New York City.
- Manse. Manse Library, Karl W. Scheufler, 2439 Auburn Ave., Cincinnati, O.
- Metropolitan. Metropolitan Motion Picture Company, 50 Branford Place, Newark, N.J.
- Mod. Film Sales Corp. Modern Film Sales Corp., 729 Seventh Ave., New York City.
- Mogull. Mogull Brothers, 1944 Boston Road, New York City.
- Nat. Cinema Serv. National Cinema Service, 3 West 29th St., New York City.
- Pictorial Film Lib. Pictorial Film Library, Inc., 130 West 46th St., New York City.
- Robinsons Cine Service. Robinsons Cine Service, Manchester House, Lowestoft, South, London.
- Soc. Visual Educ. Society for Visual Education, Inc., 327 South La Salle St., Chicago, Ill.
- U.S. Dept. Agriculture. U.S. Department of Agriculture, Division of Motion Pictures, Extension Service, Washington, D.C.
- Univ. Colorado. University of Colorado, Bureau of Visual Instruction, Boulder, Col.
- Univ. Illinois. University of Illinois, Visual Aids Service, 113 University High School, Urbana, Ill.
- Univ. Kansas. University of Kansas, Bureau of Visual Instruction, Lawrence, Kan.
- Univ. Texas. University of Texas, Visual Instruction Bureau, Austin, Tex.

Visual Text Sales Co. Visual Text Sales Company, 1268 Crenshaw Boulevard, Los Angeles, Calif.

Wholesome Films. Wholesome Films Service, Inc., 48 Melrose St., Boston, Mass.

Williams. Clem Williams Films, 410 Diamond Bank Building, Pittsburgh, Pa.

Y.M.C.A. Motion Picture Bur. Y.M.C.A. Motion Picture Bureau, 347 Madison Ave., New York City; 19 South LaSalle St., Chicago, Ill.; 351 Turk St., San Francisco, Calif.
Yale Univ. Yale University, Payne Whitney Gymnasium, Film Library, New Haven. Conn.

Haven, Conn.

Supplementary List of Film Distributors

These distributors have films on aquatic sports. Their titles are not listed. Write direct to them for information.

- Annis Company, R. B., Hoosier Film Library, 1505-7 East Michigan St., Indianapolis, Ind.
- Bergen Film Laboratory, Inc., 103 Union St., Lodi, N.J.
- Blakely, Eugene, 30 North East Russell St., Portland, Ore.
- Bourbon Film Library, 387 Magee Ave., Rochester, N.Y.
- Boy Scouts of America, Public Relations Service, 2 Park Ave., New York City.
- Camera Center, Inc., 596 Grand St., Brooklyn, N.Y.
- Central Camera Company, 230 South Wabash Ave., Chicago, Ill.
- Cine Classic Library, 1041 Jefferson Ave., Brooklyn, N.Y.
- Commonwealth Pictures Corp., 729 Seventh Ave., New York City.
- Duhem Motion Picture Manufacturing Company, 135 Hayes St., San Francisco, Calif.
- Elder & Company, D. F., 739 Boylston St., Boston, Mass.
- French Cinema Center, Inc., Pathe Building, 35 West 45th St., New York City. Foreign language films; no English titles.
- Gaumont British Picture Corporation of America, 1600 Broadway, New York City.
- General Films, Ltd., 1924 Rose St., Regina, Sask., Canada.
- Harpel, L. G., 757-59 Cumberland, Lebanon, Pa.
- Harrison Harries, 360 Main St., Hartford, Conn.
- Harvey & Lewis Company, 1148 Main St., Bridgeport, Conn.; 849 Chapel St., New Haven, Conn.; 1503 Main St., Springfield, Mass.; 513 Main St., Worcester, Mass.
- Hebert Studios, Inc., 55 Allyn St., Hartford, Conn.
 Distributes to Connecticut only.
- Home Movie Library and Equipment Company, Inc., 713 South Hill St., Los Angeles, Calif.
- Home Movie Sales Agency, 259 South Corona St., Denver, Col.
- Home Movies Co., Inc., 2019 Euclid Ave., Cleveland, Ohio
- Ideal Motion Picture Service, 6 St. Johns Ave., Yonkers, N.Y.
- Institutional Cinema Service, Inc., 1560 Broadway, New York City.

- Iver-Johnston Sporting Goods Company, 155 Washington St., Boston, Mass.
- Kearney, Eugene, Photo Supply Service, 1454 North Gardner, Hollywood, Calif.
- King Cole's Sound Service, Inc., 203 East 26th St., New York City.
- Kirkhuff, A. L., 148 South Brand Blvd., Glendale, Calif.
- Kopp, William, Inc., 2825 Hennepin Ave., Minneapolis, Minn.
- Kunz-McCrork Company, 1319 Vine St., Philadelphia, Pa.
- Landres 16mm Pictures, General Film Library of California, Inc., 1426 North Beachwood Drive, Hollywood, Calif.
- Maine Publicity Bureau, Portland, Maine
- Mendelwager, Milton, 182 West 49th St., Bayonne, N.J.
- Michigan Film Library, 15745 Rosemont Road, Detroit, Mich.
- Modern Sound Pictures, Inc., 1219 Farnam St., Omaha, Neb.
- Mortimer, F. R., 1029 Prospect Ave., Plainfield, N.J.
- National Motion Picture Service, 236 West 55th St., New York City.
- National Parks Bureau, Department of Mines and Resources, Ottawa, Ontario, Canada.
- New Jersey State Museum, Department of Conservation and Developments, Trenton, N.J.
- Distributes to New Jersey only.

 News Reel Laboratory, 1707 Sansom St.,
 Philadelphia, Pa.
- Nu-Art Film Company, 145 West 45th St., New York City.
- Pathegrams, Inc., 30 Rockefeller Plaza, New York City.
- Peters, James A., 456 Turner St., Allentown, Pa.
- Phonotone Laboratories, South East 15th & State Sts., Washington, Ind.
- Stewart, D. A., Motion Picture Service, P.O. Box 396, Mt. Vernon, N.Y.
- Twyman, Alan B., Sound Film Libraries, 29 Central Ave., Dayton, Ohio
- Visual Text and Equipment Company, 1934 Holmby Ave., Los Angeles, Calif.
- Williams, Brown and Earle, Inc., 918 Chestnut St., Philadelphia, Pa.
- Willoughbys, 110 West 32nd St., New York City.
- Zenith Cinema Service, 5011 North Sawyer Ave., Chicago, Ill.

Appendix D

I. PERIODICALS

- Acta dermat.-venereol.—Acta dermato-venereologica. Sturegatan 22, Stockholm, Sweden
- Acta med. Scandinav.—Acta medica Scan-
- dinavica. Stockholm, Sweden

 Acta scholae med. Univ. imp.—Acta scholae

 medicinalis Universitatis imperialis in Kioto. Maruzen Company, Ltd., Tokyo, J.apan
- Albany M. Ann.—Albany Medical Annals. Mt. Royal and Guilford Aves., Baltimore, Md.
- All Sports—All Sports Magazine. All Sports Record Book, Inc., 235 East 45th St., New York City
- Am.—American Magazine. Crowell Pub-
- lishing Company, Springfield, O.

 Am. Acad. Arts & Sc., Proc.—American
 Academy of Arts and Sciences, Proceedings. 26 Newbury St., Boston, Mass.
- Am. Acad. Ophth. Otolaryng., Tr.-American Academy of Ophthalmology and Otolaryngology, Transactions. Dr. W. P. Wherry, 1500 Medical Arts Building, Omaha, Neb.
- Architect-American Architect. Continued as Architectural Record
- Am. Boy—American Boy (combined with Youth's Companion). Sprague Publications, Inc., 7430 Second Boulevard, Detroit, Mich.
- Am. Catholic Quart. Rev.—American Catholic Quarterly Review. 610 South Washington St., Philadelphia, Pa.
- Am. City—American City. American City Magazine Corp., 470 Fourth Ave., New York City
- Am. Export.—American Exporter. ston Export Publishing Company, 370 Seventh Ave., New York City
- Am. Gas J.—American Gas Journal. New York City
- Am. Geog. Soc. Bull.—American Geographical Society Bulletin. American Geo-graphical Society, New York City
- Home-American Home. Country Life-American Home Corp., 444 Madison Ave., New York City
- Am. Inst. Architects J.—American Institute of Architects Journal. Washington, D.C.
- Am. J. Clin. Path.—American Journal of Clinical Pathology. Williams & Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md.
- Am. J. Hyg.—American Journal of Hygiene. 615 North Wolfe St., Baltimore, Md.

- J. M. Sc.—American Journal of the Medical Sciences. Lea and Febiger, 600 South Washington Square, Philadelphia, Pa.
- Am. J. Nursing—American Journal of Nursing. 50 West 50th St., New York City
 Am. J. Physiol.—American Journal of Physiol.
- siology. American Physiological So-
- ciety, 19 West Chase St., Baltimore, Md. Am. J. Psychol.—American Journal of Psychology. Morrill Hall, Cornell Univer-
- sity, Ithaca, N.Y.

 J. Pub. Health—American Journal of Public Health and The Nation's Health. 50 West 50th St., New York City
- J. Sociol.—American Journal Sociology. University of Chicago Press, 5750 Ellis Ave., Chicago, Ill.
- Am. J. Surg.—American Journal of Surgery. 49 West 45th St., New York City
- Am. Land. Architect—American Landscape Architect. Discontinued Oct., 1932
- Am. Municip.—American Municipalities. 21
- West Main St., Marshalltown, Iowa Am. Phys. Educ. Rev.—American Physical Education Review. Continued as J. Health & Phys. Educ.
- Rev.—American Review. 231 West
- 58th St., New York City

 Am. School Board J.—American School
 Board Journal. Bruce Publishing Company, 524-544 North Milwaukee St.,
- Milwaukee, Wis.

 Am. School & Univ.—American School and University. American Public School Corp., 470 Fourth Ave., New York City
- Am. Swimmer—American Swimmer. Ceased publication
- An. Soc. mex. de oftal. y oto-rino-laring.-Anales de la Sociedad mexicana de oftalmología y oto-rino-laringología. Hospital Oftalmológico de Ntra. Sra. de la Luz. Ezequiel Montes 135, México, D. F.
- Analyst—The Analyst. W. Heffer & Sons, Ltd., 4 Petty Cury, Cambridge, Eng.
- Ann. d'hyg.—Annales d'hygiène publique, industrielle et sociale. J. B. Baillière & fils, 19 rue Hautefeuille, Paris
- Ann. d'ig.—Annali d'igiene. Via Antonio Salandra (già delle Finanze) 14, Rome, Italy
- Ann. Inst. d'hydrol.—Annales de l'Institut d'hydrologie et de climatologie. Dr. Victor Gardette, 23 rue du Cherche-Midi, Paris
- Ann. Inst. Pasteur-Annales de l'Institut Pasteur. Masson & Cie, 120 Boulevard Saint-Germain, Paris

Ann. Int. Med.-Annals of Internal Medicine. American College of Physicians, Prince and Lemon Sts., Lancaster, Pa.

Ann. internat. de méd. phys.—Annales internationales de médecine physique et de physio-biologie. 1 rue des Escrimeurs,

Antwerp, Belgium Ann. de méd. lég.—Annales de médecine légale, de criminologie et de police scientifique. J. B. Baillière & fils, 19 rue Hautefeuille, Paris

Ann. di med. nav.—See Ann. di med. nav. e colon.

Ann. di med. nav. e colon.—Annali di medicina navale e coloniale. Direzione Centrale della Sanita Militare Marittima,

Ministero della Marina, Rome, Italy

Ann. Otol., Rhin. & Laryng.—Annals of
Otology, Rhinology and Laryngology.

Annals Publishing Company, 7200 Wydown Boulevard, St. Louis, Mo.

Ann paulist. de med. e cir.—Annaes paulistas de medicina e cirurgia. Caixa Postal 1574, São Paulo, Brazil

Ann. de physiol.—Annales de physiologie et de physicochimie biologique Gaston

Doin & Cie, 8 Place de l'Odéon, Paris Ann. Polit. et Lit.—Les annales politiques et littéraires. 2 rue de Penthievre, Paris Ann. Trop. Med.—Annals of Tropical Medi-

cine and Parisitology. University Press, 177 Brownlow Hill, Liverpool, Eng. at.—Aquatics, N.S.W.A. (Spalding's

Aquat.—Aquatics, (Spalding's Athletic Library). American Sports Publishing Company, 115 Fulton St., New York City

Arb. a. d. Reichsgesundhamt.—Arbeiten aus dem Reichsgesundheitsamte. Berlin

Arbeitsphysiol.—Arbeitsphysiologie. schrift für die Physiologie des Menschen bei Arbeit und Sport. Julius Springer, Linkstrasse 23, Berlin, W. 9

Arch. di antropol. crim.—Archivio di antropologia criminale, psichiatria e medicina

legale. Via Legnano, 26, Torino, Italy
Arch. Dermat. & Syph.—Archives of Dermatology and Syphilology. American
Medical Association, 535 North Dearborn St., Chicago, Ill.

Arch. f. exper. Path. u. Pharmakol.-Naunyn-Schmiedebergs Archiv für experimentelle Pathologie und Pharmakologie. F. C. W. Vogel, Linkstrasse 23, Berlin, W. 9

Arch. di fisiol.—Archivio di fisiologia. Ditta Editrice Luigi Niccolai, Via Faenza 52, Florence, Italy

Arch. f. d. Gesch. d. Natur.—Archiv für die Geschichte der Naturwissenschaften und der Technik. Leipzig, Germany

Arch. f. d. ges. Physiol.-Pflüger's Archiv für die gesamte Physiologie des Men-schen und der Tiere. Julius Springer, Linkstrasse 23, Berlin, W. 9

Arch. f. Hyg.-Archiv für Hygiene und Bakteriologie. R. Oldenbourg, Glückstrasse 8, Munich, 1, Germany

Arch. Int. Med.—Archives of Internal Medi-American Medical Association, 535 North Dearborn St., Chicago, Ill.

Arch. ital. de biol.—Archives italiennes de biologie. Ceased publication
Arch. f. klin. Chir.—Archiv für klinische

Chirurgie. Julius Springer, Linkstrasse 23, Berlin, W. 9 Arch. M. Hydrol.—Archives of Medical

Hydrology; being the Journal of the International Society of Medical Hy-drology. 109 Kingsway, London, W.C. 2

Arch. d. mal. de l'app. digestif.—Archives des maladies de l'appareil digestif et des maladies de la nutrition. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Arch. d. mal. du cœur.—Archives des maladies du cœur, des vaisseaux et du sang. J. B. Baillière et fils, 19 rue Hautefeuille, Paris

Arch. méd. belges.—Archives médicales belges. Capitaine Pharmacien Francotte, 15 rue Boduognat, Bruxelles, Belgium

Arch. de méd. et pharm. nav.—Archives de médecine et pharmacie navales. Imprimerie Nationale, Rue de la Convention, n. 27, Paris, 15

Arch. Path.—Archives of Pathology. Ameri-

can Medical Association, 535 North

can Medical Association, 535 North Dearborn St., Chicago, Ill.

Arch. Pediat.—Archives of Pediatrics. E. B. Treat & Co., 45 East 17th St., New York City

Arch. Phys. Therapy—Archives of Physical Therapy, X-Ray, Radium, with International Abstract. American Congress of Physical Therapy, Suite 712, 30 North Michigan Ave. Chicago, Ill. Michigan Ave., Chicago, Ill. Arch. di sc. biol.—Archivio

biol.—Archivio ... (fisiologia, farmacologia, perimentale). L. Cappelli, di scienze biologiche patologia sperimentale). Via Farini 6, Bologna, Italy

Arch. per le sc. med.—Archivio per le scienze mediche. Via Martiri Fascisti, 15, Torino, Italy

Arch. Soc. d. sc. méd. et biol. de Montpellier-Archives de la Société des sciences médicales et biologiques de Montpellier et du Languedoc Méditerranéen. Faculté de Médecine, Salle Theophraste Renaudot, Montpellier, France

Arch. f. soziale Hyg. u. Demog.-Archiv für soziale Hygiene und Demographie. Ceased publication

Architect.—Architecture. Continued American Architect; later as Architectural Record

Architect & Engin.—Architect and Engineer. San Francisco, Calif.

Forum—Architectural Forum. Architect. Boston, Mass.

Architect. Rec.—Architectural Record. W. Dodge Corp., 119 West 40th St., New York City. (Continuation of (Continuation of American Architect)

Architect. Rev.-Architectural Review; a magazine of architecture and the arts of design. London

Arq. do Inst. bact. Camara Pestana-Arquivos do Instituto bacteriológico Camara Pestana. Imprensa Libanio da Silva, T. do Fala-Só, 24, Lisboa, Portugal

Art & Archeol.—Art and Archeology. Art and Archeology Press, Inc., 215 South-ern Building, Washington, D.C. Publication suspended indefinitely

Arts & Decorat.—Arts and Decoration. Robert M. McBride & Co., 4 West 16th

St., New York City

Asia—Asia. Asia Magazine, Inc., 40 East
49th St., New York City Boys-Association Boys.

publication

Assoc. Men-Association Men. Ceased publication

Assoc. News-Association News. Photographers' Association of America, Wash-

ington, D.C.

Ath. Handb.—Athletic Handbook. (Spalding's Athletic Library). American American Sports Publishing Company, 115 Fulton St., New York City

Ath. J.—Athletic Journal. Athletic Journal Publishing Company, 6858 Glenwood

Ave., Chicago, Ill.

Atlantic—Atlantic Monthly. Atlantic Monthly Company, 8 Arlington St., Boston, Mass.

Badminton Mag.—The Badminton Magazine of Sports and Pastimes. London; New

York City; Bombay, India Balneologe—Der Balneologe. Julius Springer, Linkstrasse 23-24, Berlin, W. 9. (Continuation of Zeitschrift für die gesamte physikalische Therapie)

Baths & Bath Engin.—Baths & Bath Engineering. National Association of Bath Superintendents, 30-31 Furnival St.,

Holborn, London

Beach & Pool-Beach & Pool. Beach & Pool Publishing Company, 425 Fourth Ave., New York City Beaux Arts Inst. D. Bull.—Beaux Arts In-

stitute of Design Bulletin. 304 East 44th St., New York City

Beitr. z. path. Anat. u. z. allg. Path.— Beiträge zur pathologischen Anatomie und zur allgemeinen Pathologie. Gustav

Fischer, Jena, Germany

Better Homes & G.—Better Homes and
Gardens. Meredith Publishing Company, 1714 Locust St., Des Moines, Iowa

Bib. d. Ann. Écon.—Bibliothèque des Annales Economiques. Paris

Biochem. Ztschr.—Biochemische Zeitschrift. Julius Springer, Linkstrasse 23, Berlin, W. 9

Bol. de farm. mil.—Boletín de farmacia militar. Rafael Roldan y Guerrero (ed). 95 Embajadores, Madrid, Spain

Boll. d. Soc. ital. di biol. sper.—Bollettino della Società italiana di biologia speri-mentale. Prof. F. Botazzi (ed). S. Andres delle Dame 21, Naples, Italy

Bookman-Bookman. Continued as American Review

Boston M. & S. J.—Boston Medical and Surgical Journal. Continued as New England J. Med.

Boy's Life—Boy's Life. Boy Scouts of America, 2 Park Ave., New York City

Boy's Own Annual-The Boy's Own Annual. London

Boy's Own Mag.-The Boy's Own Maga-

zine. London Bratisl. lekár. listy—Bratislavské lekárske listy. (With French, German and English summaries.) Bulletin officiel de l'Université (Fac. Méd.) de Bratislava, Czechoslovakia

Brick & Clay Rec.—Brick and Clay Record.

Chicago, Ill.

Brigadier—The Brigadier, a monthly magazine for boys of the Boys Brigade. London

Brit. J. Dermat.—British Journal of Dermatology and Syphilis. H. K. Lewis &

Co., Ltd., 136 Gower St., London, W.C. 1

Brit. J. Phys. Med.—British Journal of Physical Medicine. 17, Featherstone Building, London, W.C. 1. (Incorporating the British Journal of Actinotherapy and Physiotherapy)

Brit. J. Radiol.—British Journal of Radiology. British Institute of Radiology, 32 Welbeck St., London, W. 1

Brit. M. J.—British Medical Journal. British Medical Association House, 19 Tavistock Square, London, W.C. 1

Bruxelles-méd.—Bruxelles-médical. Leopold

Mayer (ed). 141 rue Belliard, Bruxelles, Belgium

Budapesti orvosi ujság—Budapesti orvosi ujság. Kertészutca 16, Budapest, 7, Hungary

Building Age-Building Age. See Building Age & National Builder

Building Age & Natl. Builder—Building Age and National Builder consolidated with others. Scientific Book Corp., 15 East 26th St., New York City Bull. Acad. de méd., Paris—Bulletin de

l'Académie de médecine. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Bull. Battle Creek Sanitar. & Hosp. Clin.— Bulletin of the Battle Creek Sanitarium and Hospital Clinic. Battle Creek, Mich.

Bull. Inst. Hist. Med.—Bulletin of the Institute of the History of Medicine. The Johns Hopkins University, Johns Hopkins Press, Baltimore, Md.

. méd., Paris—Le bulletin médical. Librairie Arnette, 2 rue Casimir Delavigne, Paris

Bull. et mém. Soc. franç. d'opht.—Bulletins et mémoires de la Société française d'ophtalmologie. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Bull. Nav. M. A., Japan—Bulletin of the Naval Medical Association. Navy Department, Tokyo, Japan

Bull. Pan Am. U.—Bulletin of the Pan American Union, 17th St. and Constitution Ave., N.W., Washington, D.C.

Bull. d. sc. med., Bologna-Bullettino delle scienze mediche. Società Medica Chirurgica, Piazza Galvani, 1, Bologna, 124, Italy

Bull. Soc. franç. de dermat. et syph.—Bulletin de la Société française de dermatologie et de syphiligraphie. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Bull. Soc. path. exot.—Bulletin de la Société de pathologie exotique. Masson & Cie, 120 Boulevard Saint-Germain,

Paris, 6°

Bull. Soc. d. sc. méd. et biol. de Mont-pellier—Bulletin de la Société des sciences médicales et biologiques de Montpellier et du Languedoc Méditerranéen. Continued as Archives de la Société des sciences médicales et biologiques de Montpellier.

California State Dept. Pub. Health Bull.— California State Department of Public Health Bulletin. California State De-partment of Public Health, Sacramento, Calif.

California State J. M.—California State Journal of Medicine. Butler Building,

San Francisco, Calif. Camp Life—Camp Life. Camp Directory Publishing Company, Brooklyn, N.Y.

Camper & Hiker—Camper and Hiker. Cam-

per and Hiker, New York City

Camping—The Camping Magazine. American Camping Association, Lane Hall,
Ann Arbor, Mich.

Canad. Chem. & Metall.—Canadian Chemistry and Metallurgy. Canadian Institute

of Chemistry, Toronto, Canada Canad. Engin.—Canadian Engineer. ronto, Canada

Canad. M. A. J.—Canadian Medical Association Journal. 3640 University St.,

Montreal, Canada Canad. Mag.—Canadian Magazine. Hugh C. MacLean Publications, 347 Adelaide St.,

Wast, Toronto, 2, Canada

Canad. Pract. & Rev.—Canadian Practitioner and Review. Toronto, Canada

Canad. Pub. Health J.—Canadian Public Health Journal. 105 Bond St., Toronto,

Canada

Centralbl. f. allg. Gsndhtspfl.—Centralblatt für allgemeine Gesundheitspflege. Bonn, Germany

Centralbl. f. Bakt.—Centralblatt für Bakteriologie. Continued as Zentralblatt für Bakteriologie

Chambers's J.—Chambers's Journal. W. and R. Chambers, Ltd., 28 Soho Square, London

Charities—Charities and the Commons. Continued as Survey

Chautauquan—Chautauquan, Public Department Chautauqua Institution, Chautauqua, N.Y.

Chem. Age—Chemical Age. London

Chem. Indust.—Chemical Industries. Box 1405, New Haven, Conn.

Chicago Trib.-Chicago Tribune. Chicago, III.

Child—The Child, a monthly journal. John Bale, Sons & Danielsson, Ltd., 83-91 Great Titchfield St., London

Chinese M. J.—Chinese Medical Journal. Peiping Union Medical College, Peiping, China

City Mgrs. Assoc. Mag.—City Managers' Association Magazine. Ceased publica-

Classical J.—Classical Journal. Classical Association of the Middle West and South, University of Michigan, Ann Arbor, Mich.

Cleveland M. J.—Cleveland Medical Jour-nal. Ohio State Department of Health, Cleveland, O.

Clin. J.—Clinical Journal. H. K. Lewis &

Co., Ltd., 136 Gower St., London
Clin. Sc.—Clinical Science incorporating
Heart. Shaw & Sons, Ltd., Fetter Lane,
Fleet St., London, E.C. 4
Clinique, Paris—La clinique. Organe du

praticien. 20 rue de Grenelle, Paris

Coal Age-Coal Age; devoted to coal mining and coke manufacture. 330 West 42nd St., New York City Colburn's Mag.—Colburn's United Service Magazine. London

Collier's—Collier's. Crowell Publishing Company, Springfield, O.

Colorado Municip.—Colorado Municipalities. Boulder, Col.

Commonweal—Commonweal. Calvert Publishing Corp., Grand Central Terminal, New York City

Compt. rend. Acad. d. sc.—Comptes rendus hebdomadaires des séances de l'Aca-démie des sciences. Gauthier-Villars, 55, Quai des Grands-Augustins, Paris

Compt. rend. Soc. de biol.—Comptes rendus des séances de la Société de biologie. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Concrete—Concrete. Concrete-Cement Age Publishing Co., Detroit, Mich.

crete Highway—Concrete Highway Magazine. See Concrete Highways & Concrete Pub. Improve.

Concrete Highways & Pub. Improve.-Concrete Highways and Public Improvements. Ceased publication

Products—Concrete Concrete Products.

Continued as Rock Products
Congressional Rec.—Congressional Record. Washington, D.C.

Connecticut Health Bull.—Connecticut Health Bulletin. Connecticut Board of Health, Hartford, Conn. Connecticut State

Connoisseur—The Connoisseur Magazine. London

Cosmopol.—Cosmopolitan. See Hearst's Internat. & Cosmopol.

Country Life—Country Life. Country Life-American Home Corp., 444 Madison Ave., New York City

Craftsman—Craftsman. Labor Temple

Building, Dallas, Tex.

Crón. méd. Valencia—Crónica médica. Plaza
Emilio Castelar 7, Valencia, Spain

Cur. Hist .- Current History. Harrison-Hilton Books, Inc., 63 Park Row, New York City

Cur. Lit.-Current Literature. Continued as

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Dai Nippon Ji-Bi-In-Ko-Kwa-Kwai Kwai Ji-Bi-In-Ko-Kwa-Ho-Dai Nippon Kwai Kwai Ho. Information can be obtained from Maruzen Company, 6 Nihonbashi, Tori-Nichome, Tokyo, Japan Delineator—Delineator. See Pict. Rev.-De-

lin.

Dermosifilografo—Il dermosifilografo. Via Martiri Fascisti 15, Torino, Italy Detroit Educ. Bull.—Detroit Educational Bulletin. Detroit Board of Education, Detroit, Mich.

Deutsche Kunst u. Dek.—Deutsche Kunst und Dekoration. Ceased publication

Deutsche med. Wchnschr.-Deutsche medizinische Wochenschrift. Georg Thieme,

Rossplatz 12, Leipzig, Germany

Deutsche Ztschr. f. Chir.—Deutsche Zeitschrift für Chirurgie. F. C. W. Vogel,

Linkstrasse 23, Berlin

Deutsche Ztschr. f. d. ges. gerichtl. Med.—

Deutsche Zeitschrift für die gesamte ge-Julius Springer, richtliche Medizin.

Linkstrasse 23, Berlin
Deutsches Arch. f. klin. Med.—Deutsches Archiv für klinische Medizin. F. C. Vogel, Linkstrasse 23, Berlin, W. 9

Diag. e tec. di lab.—Diagnostica e tecnia di laboratorio. Via S. Teresa al Museo, 76, Naples, Italy

Diet. & Hyg. Gaz.—Dietetic and Hygienic Gazette. Ceased publication.

Discovery-Discovery. London

Domest. Engin.—Domestic Engineering Company, 1900
Prairie Ave., Chicago, Ill.

Downtown Ath. Club Mag.—Downtown
Athletic Club Magazine. Downtown Engin.—Domestic Engineering.

Athletic Club Magazine. Downtown Athletic Club, New York City Echo méd. du Nord—L'écho médical du Nord. 12 rue Lepelletier, Lille, France Edinburgh M. J.—Edinburgh Medical Journal. Oliver and Boyd, Tweeddale Court, Edinburgh Scotland

Edinburgh, Scotland Educ.—Education. Palmer Company, 120

Boylston St., Boston, Mass. Elect. Rev.-Electrical Review. London

et. West—Electrical West. McGraw-Hill Publishing Company, 883 Mission St., San Francisco, Calif.

Electrician—Electrician, the oldest weekly illustrated journal of electrical engineering, industry, science and finance. London

Endocrinol. e pat. costit.—Endocrinologia e patologia costituzionale. L. Cappelli, Via Farini, 6, Bologna, Italy Engin.—Engineer. 28 Essex St., Strand,

London

Engin. & Contract.-Engineering and Contracting. Chicago, Ill.
Engin. Mag.—Engineering Magazine. Engi-

neering Magazine Company, New York City

Engin. News-Engineering News. See Engin. News Rec.

Engin. News Rec.—Engineering News Record. McGraw-Hill Publishing Com-pany, 330 West 42nd St., New York City

Engin. Rev.-Engineering Review. Ceased publication

Engineering—Engineering. 35 Bedford St., Strand, London

Etude-Étude. Theodore Presser Company, 1712 Chestnut St., Philadelphia, Pa.

Everybody's—Everybody's Magazine. Ceased

publication
East Rev.—Far East Review. The
Bund, Shanghai, China

Field—The Field. London

Field & Str.-Field and Stream. Field and Stream Publishing Company, Inc., 578 Madison Ave., New York City

Fisiol. e med.—Fisiologia e medicina. plemento: Probl. aliment. Viale Regina. Margherita, 328, Rome, Italy

Fiziol. zhur.—Fiziologicheskiy zhurnal, U.S. S.R. Lopukhinskaya ul. 12, Leningrad. 22, Russia

Forecast Forecast. Forecast Publishing Company, 6 East 39th St., New York. City

Foreign Aff.—Foreign Affairs. eign Aff.—Foreign Affairs. Council on Foreign Relations, Inc., 45 East 65th St., New York City Fortschr. d. Med.—Fortschritte der Medizin.

Hans Pusch, Magazinstrasse 15/16, Berlin

Fortschr. Therap.—Fortschritte Therapie. Rossplatz 12, Leipzig, Germany

Fortune-Fortune. Fortune, 350 East 22nd. St., Chicago, Ill.

Forum & Cent.-Forum (combined with Century). Forum Publishing Company, Inc., 570 Lexington Ave., New York City

Fraser's Mag.—Fraser's Magazine. London Gac. méd. de Carácas-Gaceta médica de-Carácas. Organo de la Academia nacional de medicina, Apartado de Cor-reos, 804, Carácas, Venezuela

Gac. méd. de Mexico—Gaceta médica de Mexico. Academia Nacional de medicina, Apartado de Correos no. 517, Mexico, D. F.

Gaz. clin.—Gazeta clinica. Publicação medica paulista, Rua de S. Bento 14, São-Paulo, Brazil

Gaz. méd. de France-Gazette médicale de France et des pays de langue française. 9 rue de l'Odéon, Paris Supplements: Arch. droit climat. et hyg.—

Les archives du droit climatique et del'hygiène; Climat. d'été.—Climatologie d'été; Stat. therm. franç.—Les stations. thermales françaises

z. d. osp.—Gazzetta degli ospedali edelle cliniche. Dott. Francesco Vallardi, Via Ausonio 22, Milan, Italy

Geneesk. gids—Geneeskundige gids. Tijd-schrift voor geneeskunst en volksge-zondheid. Vos Int Trintger 1, The Hague, Holland

Geneesk. tijdschr. v. Neder.-Indië-Geneeskundig tijdschrift voor Nederlandsch-Indië. G. Kolff & Co., Petjenongan 72, Batavia C, Java Génie Civil-Génie Civil. 5 rue Jules Le Febvre, Paris

Gentleman's Mag.—The Gentleman's Maga-

zine. London

Gesundh. u. Erzieh.-Gesundheit und Erziehung. Dorotheenstrasse 28a, Berlin, N.W. 7

·Gesundh.-Ing.-Gesundheits-Ingenieur. Ber-

Gig. i sotsialist. zdravookh.—Gigiena i sotsialisticheskoye zdravookhranenie. Narkomzdrav, İlinka 10, Moscow, Russia

Gior. di batteriol. e immunol.—Giornale di batteriologia e immunologia. Ospedale Maria Vittoria, Via Medail, 3 (angolo via Cibrario), Torino, 117, Italy Gior. d. R. Soc. ital. d'ig.—Giornale della

Reale Società italiana d'igiene. Via

Ospedale 3, Milan, Italy Golden Bk.—Golden Book. Continued as Fiction Parade

Good Health-Good Health. 271 West Main

St., Battle Creek, Mich.

Good Housekeep.-Good Housekeeping. International Magazine Company, Inc., 57th St. at 8th Ave., New York City Guy's Hosp. Gaz.—Guy's Hospital Gazette.

London Bridge, London, S.E. 1 Hahnemannean M.—Hahnemannean Month-

ly. 269 South 19th St., Philadelphia, Pa.

Harper's Baz.—Harper's Bazaar. Harper's

Bazaar, Inc., 572 Madison Ave., New
York City

Harper's W.—Harper's Weekly. See Har-

per's Magazine. Now monthly

Health—Health. Pacific Press Publishing Association, Mountain View, Calif.

Hearst's Internat. & Cosmopol.—Hearst's International combined with Cosmopolitan. Hearst Magazines, Inc., 57th St. at 8th Ave., New York City

Heart—Heart. Continued as Clinical Science Heat. & Ventil.—Heating and Ventilating. National Trade Journals, 521 Fifth Ave., New York City

Hôpital-L'hôpital. 39 rue d'Amsterdam, Paris

House Beaut.—House Beautiful. Field Publications, Inc., 572 Madison Ave., New York City

House & Garden—House and Garden. Condé Nast Publications, Inc., Boston Post Road, Greenwich, Conn.

Hyg. & Phys. Educ.-Hygiene and Physical Education. Ceased publication

Hygeia—Hygeia. American Medical Association, 535 North Dearborn St., Chicago, Ill.

Idler-Idler. Ceased publication

Igiene mod.—Igiene moderna. Fumagalli & C., Via A. M. Maragliano 3, Genoa, Italy

Illinois M. J.—Illinois Medical Journal. 6221 Kenmore Ave., Chicago, Ill.

Illus. World-Illustrated World. Continued as Popular Mechanics

L'Illustration—L'Illustration. L'Illustration, 13 rue Saint-Georges, Paris

Indep.—The Independent Independent Weekly Publications, Bouverie House, Fleet St., London
Indep. Woman—Independent Woman.

Building Baltimore, Md.

Indian J. M. Research—Indian Journal of Medical Research. Thacker, Spink & Co., P.O. Box 54, Calcutta, India Indian M. Gaz.—Indian Medical Gazette.

Thacker, Spink & Co., P.O. Box 54, Calcutta, India
Indust. & Engin. Chem.—Industrial and Engineering Chemistry. Mills Building, Washington, D.C.

Internat. Congress of Med. Wom., Proc.-International Congress of Medical Women, Proceedings. International Congress of Medical Women, Mlle. Napier-Ford, Sec., Association Internationale des Femmes-Médecines, 8 rue d'Aguesseau, Paris

Internat. J. Pub. Health-International Journal of Public Health. League of Red Cross Societies, Geneva, Switzer-

land

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Intersch. Swim. Coaches' Assoc. Am., Bull. -Interscholastic Swimming Coaches' Association of America, Bulletin. Alfred A. Neuschaefer, Sec., 1939, Central High School, Trenton, N.J.

Iowa Pub. Health Bull.-Iowa Public Health Bulletin. Iowa State Department of Health, Des Moines, Iowa

Irish J. M. Sc.—Irish Journal of Medical Science. Cahill & Co., Ltd., Parkgate Printing Works, Dublin, Ireland

Iron Age-Iron Age. Middletown, N.Y.

J. Am. Assoc. Hyg. & Baths-Journal of the American Association for Promotion of Hygiene and Public Baths. Ceased publication

J. Am. Med. Assoc.—Journal of the American Medical Association. 535 North Dearborn St., Chicago, Ill.

J. Am. Pub. Health Assoc.—Journal of the American Public Health Association. 50 West 50th St., New York City

J. Am. Water Works Assoc.—Journal of the American Water Works Association. American Water Works Association, 29 West 39th St., New York City

J. Arkansas M. Soc .- Journal of the Arkansas Medical Society. 610 First National Bank Building, Fort Smith, Ark.

J. Bact.—Journal of Bacteriology. Williams & Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md.

J. Biol. Chem.—Journal of Biological Chemistry. Williams & Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md.

J. Bone & Joint Surg.—Journal of Bone and Joint Surgery. Boston Medical Library Building, 8 The Fenway, Boston, Mass.

J. Boston Soc. Civil Engin .- Journal of the Boston Society of Civil Engineers, Bos-

ton, Mass.

J. Chem. Educ.-Journal of Chemical Education. Journal of Chemical Education, 20th and Northampton Sts., Easton, Pa. J. Clin. Investigation—Journal of Clinical Investigation. 654 Madison Ave., New

York City
J. Educ.—Journal of Education. New England Publishing Company, 6 Park St., Boston, Mass. J. Health & Phys. Educ.—Journal of Health

and Physical Education. 311 Maynard St., Ann Arbor, Mich.

J. Hyg.—Journal of Hygiene. Cambridge University Press, Fetter Lane, London,

E.C. 4

J. Indiana M. A.—Journal of the Indiana State Medical Association. 1021 Hume Mansur Building, Indianapolis, Ind. J. Indust. & Engin. Chem.—Journal of In-

dustrial and Engineering Chemistry.

Easton, Pa.

J. Indust. Hyg.—Journal of Industrial Hygiene and Toxicology with Abstract of Literature. Williams & Wilkins Company, Mt. Royal and Guilford Aves., Baltimore, Md.

J. Infect. Dis .- Journal of Infectious Diseases. Memorial Institute for Infectious Diseases, 637 South Wood St.,

Chicago, Ill.

J. Inst. Elect. Engin.—Journal of Institute of Electrical Engineers. Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London

J. Kansas M. Soc.—Journal of Kansas Medi-cal Society. 406 Columbian Building, Topeka, Kan.

J. Lab. & Clin. Med.—Journal of Laboratory and Clinical Medicine. C. V. Mosby Company, 3523 Pine Boulevard, St. Louis, Mo.

J. M. Soc. New Jersey—Journal of the Medical Society of New Jersey. Ameri-can Mechanic Building, 143 East State

St., Trenton, N.J.

J. de méd. de Bordeaux—Journal de médecine de Bordeaux et du Sud-Ouest. 6, place Saint-Christoly, Bordeaux, France
 J. de méd. et chir. prat.—Journal de médecie

cine et de chirurgie pratiques. Rue de Nesles, 8, Paris

J. méd. franç.—Le journal médical français.

21 rue Cassette, Paris

J. de méd. de Lyon—Le journal de médecine de Lyon. 52 rue Victor Hugo, Lyon, France

J. de méd. de Paris-Journal de médecine de Paris. 53 rue de la Procession, Paris J. Michigan M. Soc.—Journal of Michigan

State Medical Society. Lansing, Mich. J. Minnesota M. A.—Journal of the Min-

nesota Medical Association, Minneapolis, Minn.

J. Nat. Philos.-Journal of Natural Philos-

ophy. London

J. New England Water Works Assoc.—
Journal of the New England Water
Works Association. Boston, Mass.

J. New Jersey Med. Soc.—Journal of the New Jersey Medical Society. Medical Society of New Jersey, 143 East State

St., Trenton, N.J.

J. Ohio State Dept. Health—Journal of the Ohio State Department of Health. Ohio State Department of Health, Columbus,

J. Oklahoma M. Assoc.—Journal of Oklahoma State Medical Association. 203.
Ainsworth Building, McAlester, Okla.
J. Phys. Educ.—Journal of Physical Education. Mr. William T. Rowe, 1400 East 53d St., Chicago, Ill.

Phys. Educ. & School Hyg.—Journal of

J. Phys. Educ. & School Hyg.-Journal of

Physical Education and School Hygiene
J. Physiol.—Journal of Physiology. Cambridge University Press, Fetter Lane, London, E.C. 4

J. d. praticiens-Journal des praticiens. See

Rev. gén. de clin. et de thérap. J. Prev. Med.—Journal of Preventive Medi-

J. Prev. Med.—Journal of Preventive Medicine. 5724 Ellis Ave., Chicago, Ill.
 J. Roy. Army M. Corps—Journal of the Royal Army Medical Corps. A.M.D. 2, War Office, Whitehall, London, S.W. 1
 J. Roy. Inst. Brit. Architects—Journal of the Powel Institute of Patient Architects

the Royal Institute of British Architects. Royal Institute of British Architects, 66, Portland Place, London, W. 1
J. Roy. Inst. Pub. Health & Hyg.—Journal

of the Royal Institute of Public Health and Hygiene incorporating Journal of State Medicine. 28, Portland Place, London, W. 1

London, W. 1

J. Roy. San. Inst.—Journal of the Royal
Sanitary Institute. Royal Sanitary Institute, 90, Buckingham Palace Road,
London, S.W. 1

J. Sc. Phys. Train.—Journal of Scientific
Physical Training. Birmingham, Eng.
J. State Med.—Journal of State Medicine,
Continued as Journal of the Royal Institute of Public Health & Hygiene

Jap. I. M. Sc.—Japanese Journal of Medi-

Jap. J. M. Sc.-Japanese Journal of Medical Sciences. (Thirteen sections) National Research Council of Japan. The Secretary, National Research Council of Japan, Imperial Academy House, Ueno Park, Tokyo, Japan Journal-Lancet—Journal-Lancet. Represent-

ing the Medical Profession of Minnesota, North Dakota, South Dakota, and Montana. 218 Essex Building, 84 South 10th St., Minneapolis, Minn.

Jr.-Sr. High School Clear. House-Junior-Senior High School Clearing House. Inor Publishing Company, Heidelberg College, Tiffin, O. 18as Municip.—Kansas Municipalities.

Kansas Continued as Kansas Government Jour-

nal, Lawrence, Kan.

Kentucky M. J.—Kentucky Medical Journal.
519 Tenth St., Bowling Green, Ky.

Klin. Wchnschr.—Klinische Wochenschrift.

Julius Springer, Linkstrasse 23, Berlin illustrated Knowledge-Knowledge, an

magazine of science. London
Ladies' Home J.—Ladies' Home Journal,
Curtis Publishing Company, Independence Square, Philadelphia, Pa.

Lancet—Lancet. 7 Adam St., Adelphi, London, W.C. 2

Land. Architect.—Landscape Architecture.

American Society of Landscape Architects, Harrisburg, Pa.

Leibesübungen—Die Leibesübungen und körperliche Erziehung. Weidmannsche Buchhandlung, Zimmerstrasse 94, Ber-

Leisure Hour—The Leisure Hour. London Liége méd.—Liége médical. 4 Place St. Michel, Liége, Belgium Life-boat—The Life-boat; journal of the

Royal National Life-boat Institution. C.

Knight, London Lippincott's M. Mag.—Lippincott's Monthly Magazine. London; Philadelphia, Pa.

Lit. Dig.—Literary Digest. After several changes of title merged with Time, beginning with issue of May 23, 1938

Living Age—Living Age. Harrison-Hilton Books, Inc., 63 Park Row, New York City

London Soc.-London Society. London

Long Island M. J.—Long Island Medical Journal. Associated Physicians of Long Island, Brooklyn, N.Y.

M. Bull. Vet. Admin.—The Medical Bulletin of the Veterans' Administration. Gov-ernment Printing Office, Washington, D.C.

M. J. Australia-Medical Journal of Australia. Seamer St., Glebe, Sydney, Australia

Officer—The Medical Officer. 36-38 Whitefriars St., Fleet St., London, E.C. 4

M. Press-Medical Press and Circular. 7 and 8, Henrietta St., Covent Garden, London, W.C. 2

M. Times & Gaz.-Medical Times and Gazette. Ceased publication

Maaned. f. Prak. laeg. o. Soc. Med.-Maanedsskrift for Praktish laegegerning og Social Medicin. Copenhagen, Denmark

Masters, Mates & Pilots Rev.—Masters, Mates and Pilots' Review. American Association of Masters, Mates and Pilots of the West, San Francisco, Calif.

McClure-McClure's Magazine. Ceased publication

Med. Age.—Medical Age. Ceased publication

Med.-chirur. Tr.-The Medico-chirurgical Transactions. London

Med. doświadcz. i spol.-Medycyna doświadczalna i społeczna. Chocimska 24, Warsaw, Poland

Med. Insur. & Health Conserv.—Medical Insurance and Health Conservation. Dallas, Tex.

Med. ital.-La medicina italiana. Via Commenda 9, Milan, Italy

Med. J. & Rec .- Medical Journal and Record. Continued as Medical Record

Med. Klin.-Medizinische Klinik. Urban & Schwarzenberg, Friedrichstrasse 105B, Berlin

Med. Kor.-Bl. f. Württemberg-Medizinisches Korrespondenzblatt für Württemberg. Keplerstrasse 26, Stuttgart, Germany

Med. Life-Medical Life. 4 St. Luke's. Place, New York City

Med. Rec.—Medical Record. Medical Jour-nal and Record Publishing Company, 110 Washington Square, New York City

Med. Rev. of Rev.-Medical Review of Reviews. Continued as Medical Life

Med. Welt-Die medizinische Welt. Schöneberger Strasse 10, Berlin, S.W. 11

Med. zhur.-Medichniy zhurnal. Vseukrainska Akademiya Nauk, Kiev, Ukraine

Médecine-La médecine. Including Supplément. 1 rue Cassini, Paris

Mededeel. v. d. dienst d. volksgezondh. in Nederl.-Indië.-Mededeelingen van den dienst der volksgezondheid in Nederlandsch-Indië. Foreign edition. G. Kolff & Co., Petjenongan 72, Batavia, Java

Medicina, Madrid—Medicina. Revista men-sual de ciencias médicas. Ayala, 27 (moderno) Madrid, Spain

Mem. et Compte Ren. des Travaux de la Soc. des Ing. Civ.—Memoirs et Compte Rendu des Travaux de la Société des Ingenieurs Civils de France. 19 rue Blanche, Paris

Men-Men. Ceased publication

Ment. Hyg.-Mental Hygiene. National Committee for Mental Hygiene, Inc., 372-374 Broadway, Albany, N.Y.

Met. Work-Metal Workers Bulletin. Ceased publication

higan State Health Bull.—Michigan State Health Bulletin. Michigan State Michigan State Department of Public Health, Lansing, Mich.

Mil. Surg.-Military Surgeon. Army Medical Museum, Washington, D.C.

Mind & Body-Mind and Body. Mind and Body Publishing Company, New Ulm,

Minerva med.-Minerva medica. Via Martiri Fascisti 15, Casella Postale 491, Torino, Italy

Minnesota Med.—Minnesota Medicine. 2642 University Ave., St. Paul, Minn.

Minnesota Municip.—Minnesota Municipalities. Minneapolis, Minn.

Mod. Bauf.-Moderne Bauformen. Paulinenstrasse 44, Stuttgart, Germany

Mod. Hosp.-Modern Hospital. 919 North Michigan Ave., Chicago, Ill.

Mod. Mechan., Hobbies & Invent.-Modern Mechanix, Hobbies and Inventions.
Modern Mechanix Publishing Company, Broadway and 11th St., Louisville, Ky.

Mod. Mechan. & Invent.—Modern Mechanics and Inventions. 529 South 7th St., Minneapolis, Minn.

Med.-Modern Medicine. Modern Medicine Publishing Company, 269 West Michigan Ave., Battle Creek, Mich.

Monatschr. f. Ohrenh.-Monatsschrift für Ohrenheilkunde und Laryngo-Rhinologie. Urban & Schwarzenberg, Frank-

gasse 4, Vienna, Austria
Monatschr. f. Unfallh.—Monatsschrift für Unfallheilkunde und Versicherungs-medizin. F. C. W. Vogel, Linkstrasse 23/24, Berlin, W. 9 Monatsh. Bauk.—Monatshefte für Baukunst

und Städtebau, Sedanstrasse 11, Berlin-

Steglitz

Monthly Labor Rev.-Monthly Labor Re-Government Printing view.

Washington, D.C.

Morgagni-Il Morgagni. Ceased publication nchen. med. Wchnschr.—Münchener medizinische Wochenschrift. J. F. Lehmanns Verlag, Paul-Heysestrasse 26, Münich, Germany

Municip.—Municipality. Madison, Wis.

Municipal Aff.—Municipal Affairs. Ceased publication

Municipal & County Engin.—Municipal and County Engineering. Municipal Engineering Company, Indianapolis, Ind.

Municipal Engin.-Municipal Engineering. Continued as Municipal & County Engin.

Municipal Ind.—Municipal Index. American City Magazine Corp., 470 Fourth Ave., New York City

Municipal J.—Municipal Journal. Clements Inn, Strand, London, W.C. 2 Municipal News & Water Works—Municipal News and Water Works. Continued as Waterworks Engin.

Municipal Rev.—Municipal Review. Association of Municipal Corporations, Palace Chambers, Bridge St., Westminster, London, S.W. 1

Municipal Rev. Canada—Municipal Review of Canada. Municipal Publishing Company, Ltd., Lachute, Quebec, Canada

Sanit.—Municipal Sanitation. Municipal Case-Shepperd-Mann Publishing Corp., 24 West 40th St., New York City

Munsey's—Munsey's Magazine. Ceased publication

Nagasaki Igakkwai Zassi—Nagasaki Igak-kwai Zassi. Nagasaki Igakkwai, Medizinische Fakultät zu Nagasaki, Japan

Nat. Ath.—National Athlete. Ceased publication

Nat. Municipal Rev.—National Municipal Review. National Municipal League, 309 East 34th St., New York City

Nat. Repub.—National Republic. National Republic, Inc., 511 Eleventh St., N.W., Washington, D.C.

Nat. Saf. News—National Safety News. National Safety Council, 20 North Wacker Drive, Chicago, Ill.

Nation—The Nation. Nation Press, 20 Vesey St., New York City

Nation's Bus.—Nation's Business. Chamber of Commerce of the United States of America, Washington, D.C.

Nation's Health—The Nation's Health. Continued as American Journal of Public Health

Nation's Schools—The Nation's Schools.
The Nation's Schools Publishing Company, 919 North Michigan Ave., Chicago, Ill.

Nature-La Nature. La Nature, 120 Boule-

vard St.-Germain, Paris Nature Mag.—Nature Magazine. American

Nature Association, 1214 Sixteenth St., N.W., Washington, D.C. Nederl. tijdschr. v. geneesk.—Nederlandsch

tijdschrift voor geneeskunde. Jan. Luy-kenstraat 5, Amsterdam-Zuid, Holland. New England J. Med.—New England Jour-nal of Medicine. 8 The Fenway, Boston,

Continuation of Boston Medical and Surgical Journal

New England Mag.-New England Maga-

zine. Ceased publication

New Jersey Municip.—New Jersey Municipalities. New Jersey State League of Municipalities, 34 West State St., Trenton, N.J.

New Orleans M. & S. J.—New Orleans Medical and Surgical Journal. 1430 Tulane Ave., New Orleans, La.

New Repub.—New Republic, New Republic, Inc., 40 East 49th St., New York City New York M. J.—New York Medical Jour-nal. Continued as Medical Journal and

Record

New York State Dept. Health Bull.-New York State Department of Health Bulletin. New York State Department of Health, Albany, N.Y.

New York State J. Med.—New York State

Journal of Medicine. 33 West 42nd St.,

New York City
New York Times—New York Times. Times
Building, New York City

News J.—News Journal. University of Wisconsin, Madison, Wis.

News Letter-News Letter of the National Physical Education Service of the National Recreation Association. National Recreation Association, 315 Fourth Ave., New York City

News Wk.—News Week. News Week, Inc., Rockefeller Center, 1270 Sixth Ave., New York City

Nineteenth Cent.—Nineteenth Century. London

Nord. hyg. tidskr.—Nordisk hygienisk tidskrift. Epidemisjukhuset, Stockholm, Sweden

d. med. tidskr.—Nordisk medicinsk tidskrift. Strandvägen 5A, Stockholm, Nord. Sweden

Norsk mag. f. lægevidensk.—Norsk magasin for lægevidenskapen. Lovisenberg Sykehus, Oslo, Norway

North Am. Rev.—North American Review. Harrison-Hilton Books, Inc., 63 Park Row, New York City

North Carolina State Board Health Bull.-North Carolina State Board of Health Bulletin. North Carolina State Board

of Health, Raleigh, N.C.

Northwest Med.-Northwest Medicine. Official journal of the Pacific Northwest Medical Association. State Medical Associations of Oregon, Washington and Idaho. 239 Cobb Building, Seattle. Wash.

Notab. Swim. Pools—Notable Swimming Pools and Guide to Equipment and Sup-Continued as Swimming Pool plies.

Data & Reference Annual

Ohio State M. J.—Ohio State Medical Jour-nal. 1005 Hartman Theatre Building, Columbus, O.

Ophth.—Ophthalmology. 711 Cobb Building,

Seattle, Wash.

City

Outing—Outing. Ceased publication

Outlook—The Outlook. Ceased publication Par. Mag.—Parents' Magazine. Parents' Institute, Inc., 9 East 40th St., New York

Paris méd.—Paris médical. J. B. Baillière et fils, 19 rue Hautefeuille, Paris

Park Internat.—Park International. Institute of America, Washington, D.C.

Parks & Recrea.—Parks and Recreation. American Institute of Park Executives,

Box 422, Tulsa, Okla.

Pearson's Mag.—Pearson's Magazine. American magazine ceased publication. English magazine published by Arthur Pearson, Ltd., Tower House, South-ampton St., London

Pediat.—Pediatrics. Continued as Medical Review of Reviews; later as Medical

Life

Pennsylvania M. J.—Pennsylvania Medical Journal. 230 State St., Harrisburg, Pa. Pennsylvania's

nsylvania's Health—Pennsylvania's Health. Pennsylvania State Depart-ment of Health, Harrisburg, Pa.

Penny Mag.—Penny Magazine of the Society for the Diffusion of Useful Knowledge. Ceased publication

Penny Pict. Mag.—The Penny Pictorial Magazine. London

Philadelphia Med. & Surg. Rep.—Philadelphia Medical and Surgical Reporter. Philadelphia, Pa.

Philadelphia Pub. Led.—Philadelphia Public Ledger. Philadelphia, Pa.

Phys. Cul.—Physical Culture. Macfadden Publications, Inc., Bartholomew Building, 205 East 42nd St., New York City

Phys. Educ. Health & Recrea. Dig.—Physical Education, Health & Recreation Digest. 5315 Drexel Ave., Chicago, Ill.

Phys. Train.—Physical Training. Continued

as Physical Culture

Physiol. Rev.—Physiological Reviews. American Physiological Society, 19 West Chase St., Baltimore, Md.

Physiotherapy Rev.—Physiotherapy Review. American Physiotherapy Association, 719 Barry Ave., Chicago, Ill.

Pict. Rev.-Delin.-Pictorial Review-Delineator. 316 West 57th St., New York City

Playground—Playground. Continued Recreation

Policlinico (sez. chir.)—Il policlinico (sezione chirurgica). (sez. med.)—Il policlinico (sezione medica). (sez. prat.)—Il policlinico (sezione pratica). Via Sistina,

N. 14, Rome, Italy

Polska gaz. lek.—Polska gazeta lekarska.

Ul. Rutowskiego 9, Lwów, Poland.

Pop. Mechan.—Popular Mechanics. Popular Mechanics Company, 200 East Ontario St., Chicago, III.

Pop. Sc.—Popular Science Monthly. Popu-

lar Science Publishing Company, 353 Fourth Ave., New York City

Posse Gym. J.—Posse Gymnastic Journal. Posse-Nissen School of Physical Education, Boston, Mass.

Pow. Pl. Engin.—Power Plant Engineering. Philadelphia, Pa.; Chicago, Ill.

Presse méd.—La presse médicale. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Presse Therm. et Climat.-La presse thermale et climatique. Paris

Proc. Am. Assoc. Hyg. & Baths-Proceedings of the American Association for Promotion of Hygiene and Public Baths. Ceased publication

Proc. Am. Student Health A.—Proceedings of the American Student Health Asso-

ciation. New York City Proc. Conf. State & Prov. Health Author. North America-Proceedings of the Conference of State and Provincial Health Authorities of North America. New York City
Proc. N.C.A.A.—Proceedings of the National

Collegiate Athletic Association. National Collegiate Athletic Association,

New York City

Proc. Nat. Acad. Sc.—Proceedings of the
National Academy of Sciences. National
Academy of Sciences, Constitution
Ave. and B. St., Washington, D.C.

Proc. Roy. Soc., London, s.B.—Proceedings of the Royal Society, series B (Biologi-cal Sciences). Harrison & Sons, Ltd.,

44-47 St. Martin's Lane, London, W.C. 2

Proc. Roy. Soc. Med.—Proceedings of the
Royal Society of Medicine. Longmans, Green & Co., 39 Paternoster Row, London

Proc. Soc. Exper. Biol. & Med.-Proceedings of the Society for Experimental Biology and Medicine. The Griffiths Press, 100 Liberty St., Utica, N.Y.

Proc. Staff Meet., Mayo Clin.-Proceedings of the Staff Meetings of the Mayo Clinic. Rochester, Minn.

Prof. Engin.-Professional Engineer. American Association of Engineers, Chicago,

Profilak. med.—Profilakticheskaya meditsina. L. D. Ulianoff, 14 Pushkinskaya, Kharkov, Ukraine

Progrès méd.—Le progrès médical. 41 rue des Écoles, Paris

Pub. Health J.—Public Health Journal. Continued as Canad. Pub. Health J.

Pub. Health News-Public Health News. New Jersey State Department of Health, Trenton, N.J.

Pub. Health Nurse-Public Health Nurse.

Continued as Public Health Nursing
Pub. Health Nursing—Public Health Nursing, 50 West 50th St., New York City

Pub. Health Rep.—Public Health Reports.

Superintendent of Documents, Government Printing Office, Washington, D.C.

Pub. Works.—Public Works. New York

City

Quart. Bull.—Quarterly Bulletin. West

Virginia State Department of Health,

Charleston, W. Va.

Physiol—Quarterly Jour-

Quart. J. Exper. Physiol.—Quarterly Jour-nal of Experimental Physiology. Charles Griffin & Co., Ltd., 42 Drury Lane, London, W.C. 2

Radiol. med.—La radiologia medica, rivista mensile. Via Poerio 13, Milan, Italy

Rassegna di fisiopat. clin. e terap.—Rassegna di fisiopatologia clinica e terapeutica. Casa Editrice Vallerini, Casella postale 11, Pisa, Italy Rassegna di med. appl. lavoro indust.—Ras-

segna di medicina applicata al lavoro in-dustriale. Via Meucci, 2, Torino, Italy

Read. Dig.—Reader's Digest. Reader's Digest N.Y. Association, Inc., Pleasantville,

Recrea.—Recreation. National Recreation Association, 315 Fourth Ave., New York City

Red Cross Cou.—Red Cross Courier. A ican Red Cross, Washington, D.C. Amer-

Res. Quart.—Research Quarterly. American Association for Health and Physical Education, 311 Maynard St., Ann Arbor, Mich.

Rev. Deux Mon.—Revue des Deux Mondes. 15 rue de l'Université, Paris

Rev. españ. de med. y cir.—Revista española de medicina y cirugía. Cruz Verde a Vilaquez 79, Carácas, Venezuela

Rev. filipina de med. y farm.—Revista fili-pina de medicina y farmacia. Organo del Colegio Médico—Farmacéutico de Filipinas, Lepanto 879, Manila, P.I.

Rev. gén. de clin. et de thérap.—Revue générale de clinique et de thérapeutique. Journal des praticiens, 8 Square du Croisic (Bd. Montparnasse), Paris

Rev. d'hyg.-Revue d'hygiène et de médecine preventive. Masson & Cie, 120 Boulevard Saint-Germain, Paris, 6°

Rev. & Inform. Bull.-Review and Information Bulletin of the League of Red Cross Societies. 2 Ave. Velasquez, Paris

Rev. internat. de méd. et de chir.—Revue internationale de médecine et de chirurgie. Ceased publication

Rev. internat. du trachome-Revue internationale du trachome. Ch. Terroux, 8 Rue d'Ulm, Paris

Rev. méd.-chir. d. mal. du foie.—Revue médico-chirurgicale des maladies du foie, du pancréas et de la rate. Vigot Frères, 23 rue de l'École-de-Médecine, Paris

Rev. méd. del Rosario.—Revista médica del Rosario (República Argentina). Circulo Médico, Calle Italia 663, Rosario de Santa Fe, Argentina

Rev. méd. de la Suisse Rom.—Revue médicale de la Suisse Romande. Librairie Pavot & Cie, 1 rue de Bourg, Lausanne,

Switzerland

Rev. of Rev.—Review of Reviews. Continued as Digest. Ceased publication Rev. de Sc. Gén.—Revue de Science Générale. Information may be obtained from Messageries du Livre, 27 rue de Seine, Paris

Rev. Scient.—Revue Scientifique.

Rose, Paris

Rhode Island M. J.-Rhode Island Medical Journal. Rhode Island Medical Society, 106 Francis St., Providence, R.I.

Riforma med.—La riforma medica. Cesare Battisti 53, Naples, Italy

Riv. di idroclimat., talassol. e terap. fis.-Rivista di idroclimatologia, talassologia e terapia fisica. Via Pascoli, 37, Milan, Italy

Riv. di. sc. applicate all'educ. fis. e giovan.-Rivista di scienze applicate all'educazione fisica e giovanile. Accademia Fascista d'Educazione Fisica, Foro Mussolini, Rome, Italy Rock Products—Rock Products. 205 West

Wacker Drive, Chicago, Ill.

România med.—România medicale. Str. Olari 15, Bucharest, 4, Rumania Roy. Mag.—The Royal Magazine. London

Rur. Man.-Rural Manhood. Ceased publication

Saf. Educ.—Safety Education Magazine.
National Safety Council, Inc., 20 North
Wacker Drive, Chicago, Ill.
Sat. Eve. Post—Saturday Evening Post.

Curtis Publishing Company, Independence Square, Philadelphia, Pa.

Sat. Rev. Lit.-Saturday Review of Litera-Harrison-Hilton Books, Inc., 63 ture. Park Row, New York City

Sc.—Science. Science Press Publishing Company, 3941 Grand Central Terminal Building, New York City

Sc. Am.—Scientific American. Munn & Co.,

Inc., 24 West 40th St., New York City M.—Scientific Monthly. Science Press Publishing Company, 3941 Grand Cen-

tral Terminal Building, New York City
Sc. News Letter—Science News Letter. Science Service, 2101 Constitution Ave.,
Washington, D.C.
Science Science Progress London

Sc. Prog.—Science Progress. London

Scholastic—Scholastic. Scholastic Corp., Chamber of Commerce Building, Pittsburgh, Pa.

Scholastic C.—Scholastic Coach. Scholastic Coach Book Shop, 250 East 43rd St., New York City

(Eng.).—School Hygiene Continued as Journal of Hyg. School (English). Physical Education and School Hygiene

School Life-School Life. United States Department of the Interior, Office of Education, Washington, D.C.

School Manag.—School Management. East 40th St., New York City

School Rev.-School Review. Ithaca, N.Y. School Sc. & Math .- School Science and Mathematics. Central Association of Science and Mathematics Teachers, Inc.,

450 Ahnaip St., Menasha, Wis.
School & Soc.—School and Society. Science Press Publishing Company, 3941
Grand Central Terminal Building, New York City

Schweiz. Bauzeit.—Schweizerische Bauzeitung. Dianastrasse 5, Zürich, Switzer-

land

Schweiz. med. Wchnschr.—Schweizerische medizinische Wochenschrift. Benno Schwabe & Co., Klosterberg 27, Basel, 10, Switzerland

Sei-I-Kai M. J.—Sei-I-Kai Medical Jour-nal. Jikei kai Medical College, Shibanal. Jikei kai Medical College, Shiba-ku, Tokyo, Japan Semana méd.—La semana médica. 2240-

2248 Calle Córdoba, Buenos Aires, Ar-

gentina
Service Bull.—Service Bulletin. National Section on Women's Athletics, American Association for Health and Physical Education, 1201 Sixteenth St., N.W., Washington, D.C.

Siglo méd.—El siglo médico. Apartado de

Correos 121, Madrid, Spain

Sitzungsb. d. Gesellsch. z. Beförd. d. ges. Naturw. zu Marburg.—Sitzungsberichte der Gesellschaft zur Beförderung der gesamten Naturwissenschaften zu Marburg. 321/2 Wilhelmstrasse, Marburg, Germany

Sitzungsb. d. phys.-med. Soz. zu Erlangen.-Sitzungsberichte der physikalisch-medizinischen Societät zu Erlangen. Max Mencke, Erlangen, Germany

ndinav. Arch. f. Physiol.—Skandinavisches Archiv für Physiologie. Handt-Skandinav. verkaregatan 34a, Stockholm, Sweden; W. de Gruyter & Co., Genthinerstrasse 38, Berlin, W. 10

Soc. de méd. mil. franç., Bull. mens.—Société de médecine militaire française. Bulletin mensuel. Charles-Lavauzelle &

Cie, 124 Boulevard Saint-Germain, Paris
Sociol. & Social Res.—Sociology and Social
Research. Southern California Sociological Society, 3551 University Ave.,
Los Angeles, Calif.

South Dakota Pub. Health Bull.—South Dakota Public Health Bulletin. Pierre, S.D.

South. Med. J.—Southern Medical Journal. Empire Building, Birmingham, Ala. Sovet. vestnik oftal.—Sovetskiy vestnik oftal-mologii. Continued as Vestnik oftalmologii

Sovet. vrach. gaz.—Sovetskiy vrachebniy gazeta. Continued as Sovetskiy vrachebniy zhurnal

Sovet. vrach. zhur.—Sovetskiy vrachebniy zhurnal. Pr. 25 Oktyabra, 28 (Dom Knigi), Leningrad, 11, Russia Spectat.—Spectator. Now published in two units: Spectator American Review of Life Insurance and Spectator Property Insurance Review. New York City

Sport St.—Sport Story Magazine. Street and Smith Corp., 79 Seventh Ave., New York City Sportmedizin.—Sportmedizin. Mühlweg 26,

Halle, Germany

Sports Illus.—Sports Illustrated and the American Golfer. Sports Illustrated, Inc., Greenwich, Conn.

Sportsman-Sportsman. Merged with Country Life

Sportswoman-Sportswoman. Ceased publication

Springfield Un. & Repub.—Springfield Union and Republican. Springfield Union and Republican, Springfield, Mass.

Squire—The Squire, a monthly magazine for country gentlemen. Franklyn & Co.,

London

St. Nichol.—St. Nicholas Magazine. Educational Publishing Corp., 419 Fourth Ave., New York City Steel-Steel. Cleveland, O.

Strand Mag.—Strand Magazine. London

Studium-Studium. Rivista di scienza medica. Corso Umberto I, 35, Naples, Italy Suburb. Life—Suburban Life. Ceased publication

Sunset-Sunset. Lane Publishing Company 1045 Sansome St., San Francisco, Calif.

Surg. Clin. N. Am.—Surgical Clinics of North America. W. B. Saunders Company, West Washington Square, Philadelphia, Pa.

Surg., Gynec. & Obst.—Surgery. Gynecology and Obstetrics with International Abstract of Surgery. Surgical Publishing Company, 54 East Erie St., Chicago, Ill.; 8 Henrietta St., Covent Garden, London, W.C. 2

Surv.—Survey. Survey Associates, Inc., 112 East 19th St., New York City

Surveyor—Surveyor. A. G. Hall, 56 Pine St., New York City Svenska läk.-sällsk. handl.—Svenska läka-

resällskapets handlingar. Svenska Läkaresällskapets Expedition, Stockholm, Sweden

Swim.—Swimming. Ceased publication

Swim. Guide.—Swimming Guide, N.C.A.A. (Spalding's Athletic Library). American Sports Publishing Company, 115 Fulton St., New York City Swim. News—Swimming News. London

Swim. Pool Data & Ref. Ann.—Swimming Pool Data and Reference Annual. Hoffman-Harris, Inc., 425 Fourth Ave., New York City

Swim. Pool World-Swimming Pool World.

Ceased publication Swim. Times-Swimming Times. The Swimming Times, 4, Waddon Park Ave., Croydon, London

Swimmer—The Swimmer. Ceased publica-

Teachers Col. Rec.—Teachers College Rec-ord. Teachers College, Columbia University, New York City

Tech. World—Technical World Magazine. Continued as Popular Mechanics

Gemeindeblatt—Technisches Gemeindeblatt. Mauerstrasse 44. Berlin

Tijdschr. v. sociale hyg.—Tijdschrift voor sociale hygiene en hygienische bladen. Orgaan v. h. Nederl. Contres voor openbare gazondheidsregeling. Tijl, Zwolle, Holland

Time Time. Time, Inc., 350 East 22nd St., Chicago, Ill.

Tohoku J. Exper. Med.—The Tohoku Journal of Eperimental Medicine. Medical Library, Tohoku Imperial University, Kitayobantyo, Sendai, Japan
Tr. Am. Laryng., Rhin. & Otol. Soc.—
Transactions of the American Laryngo-

logical, Rhinological and Otological Society, Inc. Boston, Mass.

Tr. Illum. Engin. Soc—Transactions of the

Illuminating Engineering Society. East-

on, Pa.

Tr. Roy. Soc. Edinburgh—Transactions of the Royal Society of Edinburgh. Wil-liams & Norgate, Ltd., 28 Little Russell St., London

Tr. Sect. Laryng., Otol. & Rhin., A.M.A.-Transactions of the Section on Laryngology, Otology and Rhinology of the American Medical Association. North Dearborn St., Chicago, Ill.

Train. Nurse & Hosp. Rev.—Trained Nurse and Hospital Review. Lakeside Publishing Company, 468 Fourth Ave., New York City_

Trans Pacif.-Trans Pacific. Tokyo, Japan Travel—Travel. Robert M. McBride & Co., 4 West 16th St., New York City U. S. Nav. Inst. Proc.—United States Naval

Institute Proceedings. United States

Naval Institute, Menasha, Wis.

U. S. Nav. M. Bull.—United States Naval Medical Bulletin. Superintendent of Documents, Government Printing Office, Washington, D.C.

U. S. Vet. Bur. M. Bull.—United States Veterans' Bureau Medical Bulletin. See M. Bull. Vet. Admin.
 Ugesk. f. læger.—Ugeskrift for læger. Den

alm. danske lægeforening. 5, Amaliegade, Copenhagen, Denmark

Umschau- Umschau. Niddastrasse Frankfurt am Main, Germany

Union méd. du Canada-L'union médicale du Canada. 326 est, Boulevard Saint-Joseph, Montreal, Canada

Urol. & Cutan. Rev.—Urologic and Cutaneous Review. 3700 Enright Ave., St. Louis, Mo.

Valsalva—II valsalva. Rivista mensile di oto-rino-laringo-jatria. Via Sistina 14, Rome, Italy

Vanity Fair-Vanity Fair. Condé Nast Publications, Inc., Boston Post Road, Greenwich, Conn.

Vereinsbl. d. pfälz. Aerzte-Vereinsblatt der pfälzischen Aerzte. Frankenthal, Ger-

Verhandl. d. deutsch. Gesellsch. f. inn. Med. -Verhandlungen der Deutschen Gesellschaft für innere Medizin. Trogerstrasse 56, Munich, Germany

Verhandl. d. deutsch. Gesellsch, f. Kreislaufforsch.-Verhandlungen der Deutschen Gesellschaft für Kreislaufforschung. Residenzstrasse 32, Dresden, Germany Verhandl. d. Gesellsch. f. Verdauungs- u.

Stoffwechselkr.—Verhandlungen der Gesellschaft für Verdauungs- und Stoffwechselkrankheiten. Rossplatz 12, Leipzig, Germany

Veröffentl. a. d. Geb. d. Med.-Verwalt.-Veröffentlichungen aus dem Gebiete der Medizinalverwaltung. Continued as Veröffentlichungen aus dem Gebiete der Volksgesundheitsdienstes

VOIKSgesundheitsdienstes
Veröffentl. a. d. Geb. d. Volksgesundhdienstes.—Veröffentlichungen aus dem Gebiete des Volksgesundheitsdienstes.
Wilhelmstrasse 125, Berlin
Vestnik oftal.—Vestnik oftalmologii. Orlisten per Des Paradalis Orlistes

kov per., D. 3, Biomedgiz., Otdel podpiski, Moscow, Russia

Victoria Mag.—The Victoria Magazine. London

Volta Rev.—Volta Review. Volta Bureau, 1537 Thirty-fifth St., N.W., Washington, D.C.

Voy.-med. j.—Voyenno-meditsinsky jurnal.

The Military Academy, Moscow, Russia Vrach. dielo.—Vrachebnove dielo; nauchnii

meditsinski jurnal. Pushkinskaya 14, Kharkov, Ukraine

Vrtljschr. f. gerichtl. Med.—Vierteljahrs-schrift für gerichtliche Medizin. Berlin Water Sports—Water Sports, N.S.W.A. (Spalding's Athletic Library) American

Sports Publishing Company, 115 Fulton

St., New York City

Water Works—Water Works and Sewerage.

330 South Wells St., Chicago, Ill.

Waterworks Engin.—Waterworks Engineering. 24 West 40th St., New York City

West Virginia M. J.—West Virginia Medical Public Library Building. Tournal. Charleston, W. Va.

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Western City-Western City. Palmer Publications, Inc., Bendix Building, Los Angeles, Calif.

Wien. Arch. f. inn. Med.-Wiener Archiv für innere Medizin. Urban & Schwarzenberg, Frankgasse 4, Vienna, Austria

Wien. klin. Wchnschr.-Wiener klinische Wochenschrift. Julius Springer, Schottengasse 4, Vienna, Austria

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St., London
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Kent. W. Kent & Co., London.

Kentucky State Board Health. Kentucky State Board of Health, Louisville, Ky.
Kerr & Richardson. Kerr and Richardson,
Glasgow, Scotland.
Kerton. W. G. Kerton, London.
Kinder. R. Kinder, London.
Kite. Benjamin and Thomas Kite, Philadel-

phia, Pa.
Knight. C. Knight, London.
Koebke. Buchdruckerei W. Koebke, Berlin.
Koehler & Volckmar. Verlag von Koehler &
Volckmar A.-G. & Co., Leipzig, Germany.
Kreisel & Gröger. Vienna,

Austria.

Lad. Nat. Assoc. Diffus. Sanit. Knowledge. Ladies' National Association for the Dif-

fusion of Sanitary Knowledge, London.

Lafitte. P. Lafitte & Cie, Paris.

La Motte Chem. Prod. Co. La Motte Chemical Products Company, McCormick Building.

ing, Baltimore, Md. Lamy. Chez Lamy, Paris. Larby. E. J. Larby, Ltd., 30 Paternoster Row, London.

Larousse. Larousse, Paris.
Lawrence & Bullen. Lawrence and Bullen,
Ltd., London.

Lea. Henry Lea, London.
Lea & Febiger. Lea and Febiger, 600 South
Washington Square, Philadelphia, Pa.
Legras. Legras. Paris.

Lemoine. Lemoine, London. Lever. John Lever, London.

Levy, L. Levy, Paris.

Lewis. H. K. Lewis & Co., Ltd., 136 Gower

St., London, W.C. 1.
Lib. Press. Library Press, Ltd., 36 Russell
Square, London, W.C. 1.
Lightner. Lightner Publishing Corp., 2810

South Michigan Ave., Chicago, Ill.

Limpert. W. Limpert, Berlin.

Link House. Link House Publications, Ltd.,

300-304, Gray's Inn Road, London, W.C. 1.

Lippincott. J. B. Lippincott Company, East

Waltington Dhiladalabia, Day Washington Square, Philadelphia, Pa.; Durham House, 16 John St., Adelphi, London, W.C. 2. Canadian Agent: Copp, 201

Unity Building, Montreal, Canada. Llandudno Club. Llandudno Club, Llandudno, Eng.

Locard August. Locard, Quai des Augustins, Paris.

Lockhead. William A. Lockhead, Paisley, Scotland.

C. Lockwood & Sons, London. Lockwood. Lockwood & Co. Lockwood & Co. Continued as Lockwood & Sons.

London Life Saving Club. London Life Saving Club, London.

Longman, Green, Longman, Roberts & Green.

Continued as Longmans, Green & Co. Longman, Hurst and others. Longman, Hurst, Rees, Orme, and Brown. Continued as Longmans, Green & Co.

Longmans. Longmans, Green & Co., 114 Fifth Ave., New York City; 39 Paternoster Row, London, E.C. 4. Lothrop. Lothrop, Lee and Shepard Company,

in care of Thomas Nelson & Sons, 381-385 Fourth Ave., New York City. Lothrop Pub. Co. Lothrop Publishing Company. Continued as Lothrop, Lee and Shepard Company

Louisiana State Board Health. Louisiana State Board of Health, Baton Rouge, La. Lovell. Lovell Printing and Publishing Com-

pany, Montreal, Canada.
Loyola Univ. Loyola University, Chicago, Ill.
Lunt. W. P. Lunt, Boston, Mass.
McClelland. McClelland and Stewart, Ltd.,
215-219 Victoria St., Toronto, Canada.

McClurg. A. C. McClurg & Co., 333 East Ontario St., Chicago, Ill. McGraw-Hill. McGraw-Hill Book Company, 330 West 42nd St., New York City. Eng-lish Agent: Aldwych House, Aldwych, London, W.C. 2. Canadian Agent: Mc-Leod.

McLeod. George J. McLeod, Ltd., 266-288 King St., W., Toronto, Canada. Macmillan. Macmillan Company, 60 Fifth Ave., New York City; 10 St. Martin's St., Leicester Square, London, W.C. 2. Canadian Agent: St. Martin's House, 70 Bond St., Toronto, Canada.

Macmillan & Co. Macmillan & Co. Continued

as Macmillan Company.

Macrae Smith. Macrae Smith Company, 1712 Ludlow St., Philadelphia, Pa. Maine State Board Health. Maine State Board

of Health, Augusta, Maine.

March. R. March & Co., London.

Martel. Jean Martel, Montpellier, France. Maruzen. Maruzen Company, Ltd., Tori-Nichome, Nihonboshi, Tokyo, Japan.

Maryland State Board Health, Maryland State Board of Health, Baltimore, Md.

Mason. W. Mason, London.

Massachusetts State Board Health. Massachusetts State Board of Health, Boston,

Massachusetts State Col. Massachusetts State

College, Amherst, Mass.

Mathieson Alkali Wks. Mathieson Alkali
Works, Inc., 250 Park Ave., New York Citv.

Med. Press. Medical Press and Circular, 7-8, Henrietta St., Covent Garden, London. Melville & Haas. Melville and Haas, Chester, Pa.

Menzies. J. Menzies, Edinburgh, Scotland.

Méra. Charles Méra. Lyon, France.

Methuen. Methuen & Co., Ltd., 36 Essex St., Strand, London, W.C. 2.
Metropolitan Life. Metropolitan Life Insur-

ance Company, 1 Madison Ave., New York City.

Metropolitan Pub. Metropolitan Publishing Company, New York City. Meyer & Noll. Press of Meyer and Noll,

Hartford, Conn.

Michigan State Dept. Educ. Michigan State Department of Education, Lansing, Mich. Michigan State Dept. Pub. Health. Michigan State Department of Public Health,

Lansing, Mich. Mij. y Hermano. Mijares y Hermano, Tokyo,

Japan.

Mill. M. S. Mill Company, 286 Fifth Ave., New York City. Miller. H. C. Miller Company, Milwaukee,

Mills & Boon. Mills and Boon, Ltd., 49 Rupert St., London, W. 1.

Mills Col. Mills College, Mills College, Calif. Mine Saf. Appli. Co. Mine Safety Appliances

Company, Pittsburgh, Pa. Minnesota State Board Health. Minnesota State Board of Health, Minneapolis, Minn. Mississippi State Board Health. Mississippi

State Board of Health, Jackson, Miss.

Missouri State Board Health. Missouri State
Board of Health, Jefferson City, Mo.

Mitchell. Mitchell & Son, London.

Mitchell, W. W. Mitchell, London.

Mitler. Mitler & Sohn, Berlin.

Moette. Chez Thomas Moette, Paris.

Montana State Board Health, Montana State Board of Health, Helena, Mont.

Moore. A. Moore, Boston, Mass.

Morrow. William Morrow and Company, Inc., 386 Fourth Ave., New York City. Canadian Agent: McClelland.

Murray. J. Murray, London.

Mutual Life. Mutual Life Insurance Company of New York, New York City.

N. England School Furnish. Co. North of

England School Furnishing Company, Ltd., London.

N.R.A. National Recreation Association, 315

Fourth Ave., New York City.

Nat. Assoc. Schoolmasters. National Association of Schoolmasters, 59 Gordon Square, London.

Nat. Bur. Cas. & Surety Underw. National Bureau of Casualty and Surety Underwriters,
1 Park Ave., New York City.
Nat. Lime Assoc. National Lime Association,

927 Fifteenth St., N.W., Washington, D.C.
Nat. Saf. Council. National Safety Council,
Inc., 20 North Wacker Drive, Chicago, Ill.
Nebraska State Board Health. Nebraska

State Board of Health, Lincoln, Neb. Neuner. Neuner Company, Los Angeles, Calif.

Nevada State Board Health. Nevada State Board of Health, Reno, Nev. New Brompton Croneem. New Brompton

New Brompton Croneem. New Brompton Croncem & Co., London. New England Water Works Assoc. New Eng-land Water Works Association, 82 Tremont St., Boston, Mass.

New Hampshire State Board Health. Hampshire State Board of Health, Concord, N.H.

New Jersey State Dept. Health. New Jersey State Department of Health, Trenton, N.J. New Mexico State Bur. Health. New Mexico

State Bureau of Health, Santa Fe, N. Mex. New South Wales Sports Club. New South Wales Sports Club, Ltd., Sydney, Australia.

New York Outing. New York Outing Company. Combined with Macmillan Company.

New York Pop. Pub. Co., New York Popular
Publishing Company, New York City.
New York State Dept. Health. New York
State Department of Health, Albany, N.Y. New York Univ. New York University, New York City.

New Zealand A.S.A. New Zealand Amateur Swimming Association, Auckland, New Zealand.

Newman, W. Newman, London.

News Chron. News Chronicle, Chronicle House, Fleet St., London, E.C. 4. Nieman. H. Nieman & Co., 939 Central Ave.,

Cincinnati, O.

North Carolina State Board Health. North Carolina State Board of Health, Raleigh, N.C.

North Dakota State Board Health. North Dakota State Board of Health, Bismarck, N.D.

Northwestern Univ. Northwestern University, Evanston, Ill.

Norwood Engin. Co. Norwood Engineering Norwood Engin. Co. Norwood Engineering Company, Florence, Mass. Nouv. Soc. La Nouvelle Société d'Édition,

Paris.

Ocean Bathing Suit Company, 110 West 23rd St., New York City.

Österreich. Bundesv. f. Unterric., Wissensch. u. Kunst. Österreichischer Bundesverlag für Unterricht, Wissenschaft und Kunst, Vienna, Austria; Leipzig, Germany.

Ogilvie. J. S. Ogilvie Publishing Company, 57 Rose St., New York City.

Ohio State Dept. Health. Ohio State Department of Health, Columbus, O.

Ohio State Med. Assoc. Ohio State Medical Association, Columbus, O.

Ohio State Univ. Ohio State University, Columbus, O.

Oklahoma State Board Health. Oklahoma State Board of Health, Oklahoma City, Okla.

Ollivier. J. Ollivier, London. Onox Antisep. Co. Onox Antiseptic Company, San Francisco, Calif.

Oregon State Board Health. Or Board of Health, Salem, Ore. Oregon State

Oregon State Printing Dept. Oregon State

Printing Department, Salem, Ore.
Orr. J. W. and N. Orr. London.
Orr & Sons. Orr & Sons, Glasgow, Scotland. Oxford Univ. Press. Oxford University Press, Amen House, Warwick Square, London, E.C. 4; 114 Fifth Ave., New York City; 128 University Ave., Toronto, Canada. Page. L. C. Page & Co., Boston, Mass.

Panck. Panckoucke, Paris.

Paradise of the Pacific. Paradise of the Pacific Press, Honolulu, Hawaii.

Pastime. Pastime Offices, London.

Patton. G. S. Patton, Brooklyn, N.Y.

Peabody Col. George Peabody College, Nash-ville, Tenn. Pearson. C. Arthur Pearson, Ltd., 16-18 Hen-

rietta St., Covent Garden, London, W.C. 2. Pennsylvania State Col. Pennsylvania State College, State College, Pa.

College, State College, Pa. Pennsylvania State Dept. Health. Pennsylvania State Department of Health, Harrisburg,

Pfister Knit. Co. J. J. Pfister Knitting Company, San Francisco, Calif.
Phi Delta Pi. Phi Delta Pi, Dorothy L. Zirbes,
Editor, 155 Prospect Ave., Staten Island, N.Y.

Philadelphia Board Trade. Philadelphia Board of Trade, Philadelphia, Pa.

Philip. George Philip & Son, London.

Phillips. Phillips Printing Company, Los An-

geles, Calif.
Picard & Kaan. Alicide Picard & Kaan, Paris. Pictorial Press. Pictorial Press, Ltd., London. Piliau de la Forest. Piliau de la Forest, Paris.

Pitman. Sir Isaac Pitman & Sons, Ltd., Pitman House, 381-383 Church St., Toronto, Canada; Pitman House, Kingsway, London, W.C. 2; Pitman Publishing Corp., 2-6 West 45th St., New York City.

Pitts & Kitts. Pitts and Kitts Manufacturing and Supply Company, 50 Park Place, New York City.

Pittsburgh Mfg. Co. Pittsburgh Manufactur-

ing Company, Pittsburgh, Pa.
Pohl. Pohl Printing Company, Detroit, Mich.

Portland Cement Assoc. Portland Cement Association, 33 West Grand St., Chicago, Ill.
Portland City Club. Portland City Club, 607
Oregon Building, Portland, Ore.
Portsmouth Swim. Club. Portsmouth Swim-

ming Club, Portsmouth, Eng.
Prentice-Hall. Prentice-Hall, Inc., 70 Fifth
Ave., New York City.

Providence Boys' Club. Providence Boys'

Club, Providence, R.I. Psych. Rev. Co. Psychological Review Company, Princeton, N.J.

Purdue Univ. Purdue University, Lafayette, Ind.

Putnam. Putnam & Co., Ltd., 24 Bedford St., Strand, London, W.C. 2; G. P. Put-nam's Sons, 2-6 West 45th St., New York City.

Quartermaster Assoc. Quartermaster Association, Washington, D.C.
Quelle & Meyer. Verlag Quelle & Meyer, Leip-

zig, Germany. Race. Joseph Race, in care of Toronto Filtra-

tion Plant, Toronto, Canada.

Ramsden, W. W. Ramsden, London.

Rand McNally. Rand McNally & Co., 536

South Clark St., Chicago, Ill.

Raschte. F. A. Raschte, Zschopau, Germany.

Recrea. Equip. Co. Recreation Equipment

Company 724 West Eighth St. Anderson Company, 724 West Eighth St., Anderson, Ind.

an. Regan Publishing Corp., Continued as Charles T. Powner Company, 621 Ply-Regan.

mouth Court, Chicago, III.
Reichel. C. Reichel, Augsburg, Germany.
Religious Tract Soc. Religious Tract Society, London.

Renshaw. H. Renshaw, London.

Rhode Island State Board Health. Rhode Island State Board of Health, Providence, R.I.

Richardson, J. M. J. M. Richardson, London. Richardson, Thomas. Thomas Richardson, London.

Ridgway, James Ridgway, London.

Riverdale. Riverdale Press, Brookline, Mass. Roberts. Roberts, London.

Roberts & Leete. Roberts and Leete, London.

Rockefeller Found. Rockefeller Foundation. Co-

penhagen, Denmark.
Rogers. H. J. Rogers & Co., Baltimore, Md.
Routledge. George Routledge & Sons, Ltd., Broadway House, 68-74 Carter Lane, London, E.C. 4.
Routledge & Co. Continued as George Rout-

ledge & Sons.

Routledge, Warne. Routledge, Warne and Routledge. Continued as George Routledge and Sons.

Roy. Humane Soc. Royal Humane Society of England, London.

Roy. Life Saving Soc. Royal Life Saving Society of England, 8 Bayley St., Bedford Square, London, W.C. 1.
Russell. E. Russell, Boston, Mass.
Ryerson. Ryerson Press, Queen St., To-

Ryerson. Ryerson Press, Queen St., Toronto, 2, Canada.
Sampson Low, Marston. Sampson Low, Marston & Co., London. American Agent: Caspar, Krueger, Dory Company, 772
North Water St., Milwaukee, Wis.
Sanders. E. L. Sanders, Los Angeles, Calif.
Saunders. W. B. Saunders Company, West Washington Square, Philadelphia, Pa.; 7 Grape St., London, W.C. 2.
Scheltema & Holkema. Scheltema & Holkema, Amsterdam. Holland.

Amsterdam, Holland. Schickhardt & Ebner. Schickhardt & Ebner,

Stuttgart, Germany.
Scholastic C. Bk. Shop. Scholastic Coach
Book Shop, 250 East 43rd St., New York

City. Schultz. Trykt hos J. H. Schultz, Copenhagen, Denmark.

Scribner Walford. Scribner Walford & Co., New York City.

New York City.

Scribner's. Charles Scribner's Sons, 597 Fifth
Ave., New York City; Charles Scribner's
Sons, Ltd., 23 Bedford Square, London,
W.C. 1. Canadian Agent: E. S. Fowkes,
Box 95, Terminal A, Toronto, Canada.

Seale. E. Seale, London.
Seeley. Seeley, Service & Co., Ltd., London.
Seeman. Seeman Press, Durham, N.C.
Seidel. L. W. Seidel & Sohn, Vienna, Austria.
Service Press. Service Press, Springfield College, Springfield, Mo.

lege, Springfield, Mo. Service Press (Ill.) Service Press, Champaign,

Shaw. A. W. Shaw Company. Continued as McGraw-Hill Book Company.

Sherwood. Sherwood & Co., London.

Sherwood, Gilbert & Piper. Sherwood, Gilbert and Piper. Continued as Sherwood &

Shoreditch. J. Roberts Shoreditch, London. Shuman. George L. Shuman & Co., Chicago, Ill.; Boston, Mass.

Sidgwick & Jackson. Sidgwick and Jackson, Ltd., 44 Museum St., London, W.C. 1.

Simpkin, Marshall. Simpkin, Marshall, Ltd., Stationers' Hall Court, London, E.C. 4. Slater. E. D. Slater, New York City.

Small, Maynard. Small, Maynard & Co. Com-

bined with Dodd, Mead & Co. Smith. E. Smith, Kirby St., London.

Smith, Elder. Smith, Elder & Co., London. Smith, John R. John Russell Smith, London.

Smith, L. P. L. P. Smith, Philadelphia, Pa.

Smith, W. W. Smith, London.

Smithsonian. Smithsonian Institution, Washington, D.C.Solomon. H. Solomon, Sydney, Australia.

Somers. John Somers, Glasgow, Scotland.

South Carolina State Board Health. South Carolina State Board of Health, Colum-

South Dakota State Board Health. South Dakota State Board of Health, Pierre, S.D. South Park Comm. South Park Commissioners.
Continued as Chicago Park District.

Southern Counties A.S.A. Southern Counties Amateur Swimming Association, in care of Swimming Times, 4, Waddon Park Ave., Croydon, London.

Spon. Spon and Chamberlain. Combined with Engineers Book Shop, 168 East 46th St.,

New York City.

Spon, E. & F. N. E. and F. N. Spon. Continued as Spon and Chamberlain; later as Engineers Book Shop.

Sports Res. Bur. Sports Research Bureau, Los Angeles, Calif.

Spottiswoode. Spottiswoode & Co., London. Springfield Col. Springfield College, Springfield, Mass.

Stamperia. Stamperia Reale, Naples, Italy. Stanford Univ. Stanford University, Stanford University, Calif.

e Col. Washington. State Washington, Pullman, Wash. State College of

Stearns & Beale. Stearns and Beale, New York City.

Stokes. Frederick A. Stokes Company, 443-449 Fourth Ave., New York City. Canadian Agent: McClelland.
Stone. Stone Printing and Manufacturing Company, Roanoke, Va.
Stratford. Stratford Company, 289 Congress

St., Boston, Mass. Strauss. Anton Strauss, Vienna, Austria.

Street & Smith. Street and Smith, New York City.

Stubenrauch. Adolph Stubenrauch, Berlin, Sunday School Union. Sunday School Union, 57-59 Ludgate Hill, London.

Swim. Assoc. Great Britain & Otter Swim. Club. Swimming Association of Great Britain and the Otter Swimming Club, London.

Swim. Times. The Swimming Times, 4, Wad-

don Park Ave., Croydon, London.
Swords. Thomas and James Swords, 27 William St., New York City.
Taride. Librairie de Jules Taride, Paris.

Taylor. J. F. Taylor & Co., New York City. Taylor & Co. W. A. Taylor & Co., Inc., 872 Linden Ave., Baltimore, Md. chers Col. Teachers College. See Bur.

Teachers Col. Publications.

Tegg. William Tegg, London.

Teubner. B. G. Teubner, Leipzig; Berlin.

Texas State Board Health. Texas State Board

of Health, Austin, Tex.
Thomas. C. C. Thomas, Springfield, Ill.; Baltimore, Md.

Thomas & Andrews. Isaiah Thomas and Ebenezer T. Andrews, Faust's Statue, No. 45, Newberry St., Boston, Mass. Tile Mfrs. Assoc. Tile Manufacturers' Asso-

ciation, Office of the Architectural Representative, Investment Building, Washington, D.C.; 19 West 44th St., New York City.

Tilt. Charles Tilt, London.

Times-Mirror. Times-Mirror Printing and Binding House, 118 South Broadway, Los Angeles, Calif.

Treat. E. B. Treat & Co., New York City. Turner Company, 811 Wholesale Merchants Building, Dallas, Tex.

Tyas. Robert Tyas, London.

Ullstein. Ullstein, Berlin.

United Fruit Co. United Fruit Company, Educational Department, Boston, Mass.

S. Board on Life-Saving Appli. States Board on Life-Saving Appliances, Treasury Department, Washington, D.C.

S. Coast Guard. United States Coast Guard, Washington, D.C.

U. S. Dept. Interior. United States Department of the Interior, Office of Education, Washington, D.C.

S. Maritime Commission. United States Maritime Commission, Washington, D.C.

U. S. Naval Acad. United States Naval Academy, Annapolis, Md.

U. S. Pub. Health Service. United States Public Health Service, Office of the Surgeon General, Washington, D.C.

U. S. Quartermaster Assoc. United States Quartermaster Association, Washington,

U. S. Volunteer Life Saving Corps. United States Volunteer Life Saving Corps, Albany, N.Y.
Univ. Akron. University of Akron, Akron,

Ohio.

Univ. California, Berkeley. University of California, Berkeley, Calif.

Univ. California, Los Angeles. University of California at Los Angeles, Los Angeles, Calif.

Univ. California Press. University of California Press, California Hall, Berkeley, Calif.

Univ. Georgia. University of Georgia, Athens, Ga.

Univ. Illinois. University of Illinois, Urbana,

Univ. Iowa. University of Iowa, Iowa City, Iowa.

Univ. Michigan. University of Michigan, Ann Arbor, Mich.

Univ. Minnesota. University of Minnesota, Minneapolis, Minn.

Univ. Missouri. University of Missouri, Columbia, Mo.

Univ. Nebraska. University of Nebraska, Lincoln, Neb.

Univ. Nevada. Nev. University of Nevada, Reno,

Univ. New Mexico. University of New Mexico, Albuquerque, N. Mex.

Univ. Oregon. University of Oregon, Eugene,

Univ. Pennsylvania. University of Pennsylvania, Philadelphia, Pa.

Univ. Pittsburgh. University of Pittsburgh, Pittsburgh, Pa.

Univ. Southern California. University of Southern California, Los Angeles, Calif. Univ. Texas. University of Texas, Austin, Tex.

Univ. Toronto. University of Toronto, Toron-

to, Canada. Univ. Washington. University of Washington, Seattle, Wash.

Univ. Wisconsin. University of Wisconsin, Madison. Wis.

Madison, Wis.

Utah State Board Health. Utah State Board of Health, Salt Lake City, Utah.

Van Arsdale-Harris. Van Arsdale-Harris Lumber Company, 5th and Brannon Sts., San Francisco, Calif.

Van Nostrand. D. Van Nostrand Company, Inc., 250 Fourth Ave., New York City.

Vermont State Board Health. Vermont State

Board of Health, Burlington, Vt.
Virginia State Board Health. Virginia State
Board of Health, Richmond, Va.
Vizetelly, Vizetelly, Branston and Company,

Fleet St., London.
Volksv. der Bücherf., Wegweiser-Verl. Volksverband der Bücherfreunde, Wegweiser-Verlag, Berlin. Vuibert. Librairie Vuibert, Paris. WEAF. WEAF Broadcasting Station, New

York City.

W.S.A. Women's Swimming Association, 470 West 24th St., New York City. Wade. James Wade, London. Wallace & Tiernan. Wallace & Tiernan Com-

Wallace & Tiernan. pany, Inc., Newark, N.J. Walwyn. R. Walwyn & Co., London. Ward, Lock. Ward, Lock & Co., London.

Ward, Lock & Tyler. Ward, Lock and Tyler. Continued as Ward, Lock & Co.

Warne. Frederick Warne & Co., Ltd., Fourth Aye., New York City; 1 Bedford St., Strand, London.

Washington State Board Health. Washington State Board of Health, Seattle, Wash. Univ. Wayne University, Detroit,

Mich.

Weber. J. J. Weber, Leipzig, Germany. Wellesley Col. Wellesley College, Wellesley,

Wellington Y.M.C.A. Y.M.C.A., Wellington, Del.

West Virginia State Dept. Health. West Virginia State Department of Health, Charleston, W. Va.

West Virginia Univ. West Virginia University, Morgantown, W. Va.

Westermann. G. Westermann, Braunschweig, Germany; Hamburg, Germany.

Whiting. Whiting & Co., London.

Whitman. Albert Whitman & Co., 560 West Lake St., Chicago, Ill. Canadian Agent: McLeod.

Wiley. John Wiley & Sons, Inc., 440 Fourth Ave., New York City. Williams & Co. A. Williams & Co., Boston,

Mass.

Williams Printing Co. Williams Printing Company, New York City. Williams & Wilkins. Williams & Wilkins Com-Williams Printing

pany, Mt. Royal and Guilford Aves., Bal-

timore, Md. son. Thomas Wilson & Co., 25 West 45th Wilson. Thomas Wilson α Co. St., New York City. Wilson, E. E. Wilson, London.

Wilson-Western Sporting Goods Company, 2037 Powell Ave., Chi-cago, Ill.; 222 Fourth Ave., New York City.

Wisconsin State Board Health. State Board of Health, Madison, Wis.

Wohlfahrt. Wohlfahrt Studios, 19 West 34th St., New York City.

Womans Press. Womans Press, National Board of Y.W.C.A., 600 Lexington Ave., New York City.

Wood. S. S. and W. Wood, New York City. Wright & Schondelmeier. Wright and Schondelmeier, New York City.

Wyoming State Board Health. Wyoming State Board of Health, Cheyenne, Wyo.

Y.M.C.A. National Council. Y.M.C.A. Assoc. Press.

Yale Univ. Yale University, New Haven, Conn.

Yale Univ. Press. Yale University Press, New Haven, Conn.

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